

#### STATE OF LOUISIANA

PARISH OF ST. MARY

#### SECOND AMENDMENT TO SOLID WASTE DISPOSAL AND LANDFILL LEASE

This Second Amendment to Solid Waste Disposal and Landfill Lease ("Amendment") is made and entered into effective this 1st day of April, 2004 ("Effective Date") by and between:

EMERALD LAND CORPORATION, a Louisiana Corporation domiciled in St. Mary Parish, Louisiana, with its registered office in the city of Franklin, herein appearing through its Corporate Secretary, M. Taylor Darden, duly authorized by Resolution of its Board of Directors, a certified copy of which is annexed hereto, hereinafter referred to as LESSOR,

and

ST. MARY PARISH GOVERNMENT, the governing authority of the Parish of St. Mary, State of Louisiana, appearing herein through its Parish President, William A. "Bill" Cefalu, duly authorized by Ordinance of the St. Mary Parish Council, a certified copy of which is attached hereto, hereinafter referred to as LESSEE.

#### WITNESSETH:

WHEREAS, by written agreement dated on June 1, 1996 ("the Lease"), LESSOR leased to LESSEE that a certain tract or parcel of land containing two hundred four (204) acres, more or less situated in Sections 3, 4, and 9 in Township 16 South, Range 12 East, St. Mary Parish, Louisiana, and outlined in red on the plat attached hereto as Exhibit "A" for the purpose of constructing, maintaining and operating a controlled sanitary landfill area, a construction and demolition debris landfill area and/or a solid waste composting area.

WHEREAS, by Amendment to Solid Waste Disposal And Landfill Lease, dated effective October 1, 1998 ("the Amendment"), LESSOR AND LESSEE amended the lease to provide, inter alia, that:

- (a) The Lease, as amended, covered and included the "Additional Property" referred to and described in the Amendment, which said Additional Property is shown on the plat attached hereto as Exhibit "A";
- (b) The term of the Lease, as amended, was extended to June 30, 2009, or until the expiration of LESSEE'S operating permit, which ever occurred later, but in no event later than December 31, 2009;
- (c) The LESSEE agreed to pay additional and recalculated rent to the LESSOR during the term of the Lease, as amended, and for a limited period thereafter;
- (d) The LESSOR was granted a right of audit with respect to the calculation of rent due under the Lease, as amended; and
- (e) The LESSEE was permitted to fill the remaining unfilled portion of "CELL 3" to a maximum height of forty-two (42) feet, or such other maximum height as permitted by the Louisiana Department of Environmental Quality.

WHEREAS, LESSOR AND LESSEE desire further to amend the Lease in the particulars hereinafter set forth.

NOW THEREFORE, the parties hereto, in consideration of the foregoing and the mutual promises, covenants and agreements herein contained, hereby agree as follows:

The following described property is hereby released and excluded from the Lease, as amended, to wit:

That certain tract of land located in St. Mary Parish, Louisiana, Sections 4 and 9, Township 16 South, Range 12 East. Said tract contains 241.93 acres and is more fully described as follows:

BEGINNING at Point AA having a Lambert Coordinate of X=3,307,322.77 and Y=422,614.91; THENCE North 00° 36' 27" West for a distance of 2,500.00 feet to Point BB, having a Lambert Coordinate of X=3,307,296.27 and Y=425,114.76; THENCE northeasterly along a line being parallel and 100 feet from the southeasterly edge of the Berwick Drainage Canal for a distance of approximately 4,496 feet to Point CC, having a Lambert Coordinate of X=3,310,734.79 and Y=427,966.27; THENCE South 00° 36' 27" East for a distance of 2,691.52 feet to Point DD, having a Lambert Coordinate of X=3,310,763.32 and Y=425,274.90; THENCE South 89° 23' 34" West for a distance of 1,323.92 feet to Point EE, having a Lambert Coordinate of X=3,309,439.47 and Y=425,260.87; THENCE South 00° 23' 19" East for a distance of 2,623.38 feet to Point FF, having a Lambert Coordinate of X=3,309,457.26 and Y=422,637.55; THENCE South 89° 23'32" West for a distance of 2,134.61 feet to the POINT OF BEGINNING, all containing 241.93 acres, all as is more fully shown on plat, attached hereto as Exhibit "A," showing a portion of property of Emerald Land Corporation as Tract AA, BB, CC, DD, EE, FF, and AA area to be released by St. Mary Parish Government, prepared by Professional Engineering and Surveying Company, Inc. dated December 9, 2002.

The above described property is hereinafter referred to as the "Release Acreage".

2.

Subject to the terms and conditions hereinafter set forth, and the terms and conditions set forth in the Lease, as amended, and for the purposes as therein described and hereinafter described, and for the consideration hereinafter stipulated, LESSOR does hereby lease and let unto LESSEE the surface of the following described property situated in the Parish of St. Mary, State of Louisiana, the aerial extent of which is shown on the plat attached thereto as Exhibit "B", to wit:

That certain tract of land located in Sections 3, 4, 9 and 11, Township 16 South - Range 12 East, St. Mary Parish, Louisiana, containing 410.14 acres and is more fully described as follows:

BEGINNING at Point A having a Lambert Coordinate of X=3,306,721.64 and Y=424,583.15; THENCE in a northerly direction along the easterly side of a pipeline right of way these courses and distances: North 05°55'10" East for a distance of 1,695.04 feet; North 05°49'54" East for a distance of 1,061.11 feet to Point B, having a Lambert Coordinate of X=3,307,004.27 and Y=427,324.77; THENCE North 62°57'23" West for a distance of 149.64 feet to Point C, having a Lambert Coordinate of X=3,306,871.00 and Y=427,392.81; THENCE North 05°52'02" East for a distance of 1,083.91 feet to Point D, having a Lambert Coordinate of X=3,306,981.80 and Y=428,471.04; THENCE North 81°45'02" East for a distance of 144.44 to Point E along the easterly of a pipeline right of way, having a Lambert Coordinate of X=3,307,124.74 and Y=428,491.76; THENCE in a northerly direction along the easterly side of a pipeline right of way these

courses and distances: North 05°49'58" East for a distance of 1,247.72 feet; North 05°48'42" East for a distance of 702.93 feet; North 06°16'10" East for a distance of 255.30 feet along the easterly side of a pipeline right of way to Point F on the southerly side of a pipeline right of way, having a Lambert Coordinate of X=3,307,350.60 and Y=430,686.11; THENCE in a northeasterly direction along the southerly side of a pipeline right of way these courses and distances: North 76°35'50" East for a distance of 1,055.37 feet; North 76°41'59" East for a distance of 1,600.51 feet; North 76°34'00" East for a distance of 784.18 feet to Point G, having a Lambert Coordinate of X=3,310,697.53 and Y=431,481.12; THENCE South 00°36'27" East for a distance of 2,249.37 feet along the line between Sections 3 and 4 to Point H, having a Lambert Coordinate of X=3,310,721.37 and Y=429,231.88; THENCE North 89°23'37" East for a distance of 165.52 feet to Point I, having a Lambert Coordinate of X=3,310,886.88 and Y=429,233.63; THENCE North 81°47'02" East for a distance of 1,163.48 feet to Point J, having a Lambert Coordinate of X=3,312,038.42 and Y=429,399.90; THENCE South 00°36'54" for a distance of 492.32 feet to Point K, having a Lambert Coordinate of X=3,312,043.70 and Y=428,907.61; THENCE along a line being parallel and 100 feet from the southeasterly edge of the Berwick Drainage Canal for a distance of approximately 6,900 feet to the POINT OF BEGINNING, all containing 410.14 acres, more fully shown on plat attached hereto as Exhibit "B," showing a portion of property of Emerald Land Corporation as Tracts A, B, C, D, E, F, G, H, I, J, K and A optioned for lease by St. Mary Parish Government, prepared by Professional Engineering and Surveying Company, Inc. dated November 26, 2002.

The above described property is hereinafter referred to as the "Supplemental Property". The Supplemental Property, together with the property originally leased to LESSEE and the Additional Property (less and except the Released Acreage) is hereinafter collectively referred to as the "Leased Premises".

3

Article 3 of the Lease, as amended, is hereby deleted in its entirety. In its place, the following paragraph is substituted:

**"**3.

This Lease, as amended, shall expire on June 30, 2035, or until the expiration of LESSEE'S standard operating permit, as amended, modified or extended, which ever occurs later, but in no event later than December 31, 2035. Upon termination of this Lease for any reason, LESSEE shall close the landfill and provide post closure care of the landfill in accordance with all applicable rules and regulations then in effect regarding the closure of landfill operations conducted within the State of Louisiana."

4.

Article 4 of the Lease, as amended, is hereby deleted in its entirety. In its place, the following paragraphs are substituted:

"4.

The consideration for this Lease, as amended, is the payment by LESSEE to LESSOR of the cash rentals and fees (the Annual Rent, Additional Monthly Rent, Surcharge and Post Termination

Fees as hereinafter set forth), and the stipulations, agreements and obligations herein undertaken and agreed to by LESSEE, all of which are recognized as material parts of the consideration of this Lease without which LESSOR would not have executed this Lease, as amended.

- Annual Rent. Commencing on June 1, 2004, LESSEE shall pay LESSOR as Annual Rent the sum of Five Thousand and No/100 Dollars (\$5,000.00). Thereafter, for the remaining term of the Lease as amended, i.e. through June 30, 2035 (or if LESSEE'S operating permit is extended, then to the expiration of said permit, or December 31, 2035, which ever occurs first), the Annual Rent shall be adjusted for inflation annually on the 1st of June. The Annual Rent shall be re-calculated using the following formula: The amount paid as Annual Rent the previous year multiplied by one (1) plus any percentage increase, if any, in the Consumer Price Index for Urban Wage Earners and Clerical Workers published by the Bureaus of Labor Statistics of the United States Department of Labor, or any revision thereof; or, if such is no longer available, any equivalent of such index published by the United States Government, hereafter the "CPI Increase." In determining the CPI Increase, LESSEE shall compare the appropriate CPI figure published for the month of January immediately preceding the annual rental payment with the same figure published for the month of January the year before. If, however, such figures are not available twenty-one days before the annual rental payment is due, the LESSEE may pay to LESSOR a payment equal to the previous year's payment, and remit a check to LESSOR for the difference, if any, when the CPI Increase becomes known. Notwithstanding the calculation of the Annual Rent as described above, the CPI Increase shall never be less than two and one-half (2.5%) percent, nor more than five (5%) percent annually. LESSEE shall not be entitled to prorate the Annual Rent which shall be due on June 1, 2034, or if the Lease is extended, the Annual Rent which shall be due on June 1, 2035.
- Additional Monthly Rent. Commencing on June 1, 2004, and continuing through December 21, 2004, LESSEE shall pay LESSOR as Additional Monthly Rent the sum of One and 50/100 (\$1.50) Dollars per ton of solid waste material disposed of on the Leased Premises. Thereafter, for each month during the next calendar year of the Lease, i.e. from January 1, 2005 through December 31, 2005, LESSEE shall pay LESSOR as Additional Monthly Rent the sum of One and 65/100 (\$1.65) Dollars per ton of solid waste material disposed of on the Leased Premises. Thereafter, the Additional Monthly Rent shall escalate by Fifteen (15¢) Cents per year for each successive year until December 31, 2014. Commencing January 1, 2015, the Additional Monthly Rent shall escalate by Twenty-five (25¢) Cents per year for each successive year until December 31, 2025. Commencing January 1, 2026, the Additional Monthly Rent shall escalate by Thirty-five (35¢) Cents per year for each successive year for the remainder of the Lease. To illustrate: For the twelve month period commencing on January 1, 2006, the Additional Monthly Rent shall be One Dollar and 80/100 (\$1.80) per ton of solid waste material disposed of on the Leased Premises. For the year commencing on January 1, 2015, the Additional Monthly Rent shall be Three Dollars and 25/100 (\$3.25) per ton, and for the year commencing on January 1, 2026, the Additional Monthly Rent shall be Six Dollars and 10/100 (\$6.10) per ton.

- Industrial Solid Waste Material Surcharge ("Surcharge"). In the event LESSEE accepts Industrial Solid Waste Material (as hereinafter defined), LESSEE shall pay LESSOR, in addition to the Annual Rent and the Additional Monthly Rent, the sum of Five Dollars (\$5.00) per ton as a Surcharge on all Industrial Solid Waste Material disposed of on the Leased Premises. The Surcharge shall be adjusted for inflation -annually on the 1st of June in the same manner, and using the same formula, as the adjustment and re-calculation of the Annual Rent due under the Lease. For the purposes of this subparagraph, "Industrial Solid Waste Material" shall be defined consistent with the definition of "Industrial Solid Waste" as set forth in Louisiana Administrative Code Title 33:VII.115, as now or hereafter amended.
- (d) Post Termination Fee. Upon termination of this Lease for any reason, LESSEE shall pay LESSOR an annual Post Termination Fee, which amount shall be fixed and equal to the amount of the last Annual Rent paid under the terms and conditions of this Lease. The Post Termination Fee shall be paid in the same manner as the Annual Rent; provided, however, that if this Lease shall terminate on December 31, 2035, the first annual Post Termination Fee shall not be due and payable until June 1, 2036. LESSEE shall be obligated to pay the Post Termination Fee annually for so long as LESSEE is required to provide post closure care of the landfill in accordance with all applicable rules and regulations then in effect regarding the closure of landfill operations conducted within the State of Louisiana.
- (e) Payment Due Dates. The following due dates shall govern the payment of all rent, surcharge and fees due under the Lease. All amounts due under the Lease shall be considered to have been properly paid when placed in the United States Mail, with adequate postage paid, to LESSOR'S address as shown above, on or before the following due date.
  - All Annual Rent payable under the Lease, as amended, shall be paid to LESSOR in advance on or before the 1st day of June of each such year;
  - (2) All Additional Monthly Rent shall be paid to LESSOR no later than the twentieth (20th) day following the month in which such solid waste material is disposed of on the Leased Premises;
  - (3) The Surcharge shall be paid to LESSOR no later than the twentieth (20th) day following the month in which Industrial Solid Waste Material is disposed of on the Leased Premises; and
  - (4) All annual Post Termination Fees payable under the Lease shall be paid to LESSOR in advance on or before the 1st day of June of each such year.
- (f) Change of Address. No change of address of any party hereto shall be effective as to any other party hereto until forty-five (45) days after having been furnished with written notice of such change of address by Certified United States Mail, Return Receipt Requested.

(g) Audit Rights. LESSEE shall keep reasonable and accurate records of the total volume (by ton) of solid waste material and Industrial Solid Waste Material disposed of on the Leased Premises. Upon reasonable notice, LESSOR shall have the right to audit such records for any calendar year within the twenty four (24) month period following the end of such calendar year; provided, however, that no more than one audit may be conducted by LESSOR during any calendar year."

5

By adding a new Article to the Lease, to be numbered Article 4A, to read as follows:

"4A

The financial terms and conditions of the Lease, as set forth in Paragraph 4, as amended, shall be subject to renegotiation under the following circumstances:

- (a) In the event market conditions are such that LESSEE is unable to operate the landfill because the amount of the Additional Monthly Rent renders the fees and expenses ("tipping fees") charged by LESSEE for solid waste material disposed of on the Leased Premises uneconomical or non-competitive with other solid waste disposal facilities situated within a fifty (50) mile radius of the Leased Premises; provided, however, that such market conditions exist for a period of not less than twelve consecutive months;
- (b) In the event the "tipping fees" charged by LESSEE for the disposal of solid waste material on the Leased Premises are less than ninety (90%) percent, on average for all categories, of the "tipping fees" charged by the geographically nearest three (3) solid waste disposal facilities and/or solid waste transfer stations;
- (c) In the event LESSEE accepts Out of Parish Solid Waste Material (as hereinafter defined). For the purposes of this subparagraph, "Out of Parish Solid Waste Material" shall be defined as any solid waste material which is received and accepted by LESSEE from generators located more than five (5) miles from any of the boundaries of St. Mary Parish.

Either party may give the other party written Notice of its intent to re-negotiate the financial terms and conditions of Paragraph 4, as amended, of the Lease, setting forth the particulars, in reasonable detail, of the circumstances giving rise to the right to re-negotiate. Within thirty (30) days of receipt of such Notice, the parties shall meet in a good faith effort to re-negotiate the amount of the Annual Rent, the Additional Monthly Rent, the Surcharge and the Post Termination Fee due under the then existing terms and conditions of the Lease. In the event the parties are unable to agree upon the amount to be charged, either party may elect to have the dispute referred to the American Arbitration Association for binding arbitration. The then current Commercial Arbitration Rules and Mediation Procedures of the American Arbitration Association shall govern the course and conduct of any such proceeding, except that the dispute shall be decided by one arbitrator mutually selected by the parties from a list supplied to them by the American Arbitration Association. The award of the arbitrator shall be prospective only. The arbitration shall be held in St. Mary Parish, Louisiana, provided that LESSEE shall provide, at its sole cost and expense, a suitable location for said arbitration.

Except as amended herein, all remaining terms and conditions of the Lease, as amended, shall remain in full force and effect.

THUS DONE AND SIGNED in the presence of the undersigned competent witnesses as of the Effective Date of this instrument even though the signatures may be affixed prior to or subsequent thereto.

WITNESSES:

LESSOR

EMERALD LAND CORP.

M. Taylor Darden, Corporate Secretary

LESSEE

ST. MARY PARISH GOVERNMENT

William A "Bill" Cefalu Pracident

#### STATE OF LOUISIANA

#### PARISH OF ORLEANS

ON THIS !<sup>st</sup> day of July 2004, before me, the undersigned Notary Public, personally appeared M. TAYLOR DARDEN, who by me duly sworn did state that he is the Corporate Secretary of Emerald Land Corporation, and that the foregoing Second Amendment to Solid Waste Disposal And Landfill Lease was signed by him on behalf of said Corporation by authority of its Board of Directors and said appearer acknowledged said instrument to be in the free act and deed of said Corporation.

Notary Public, State of Louisiana

Print Name:

NOTARY/BAR NO. Roy E. Blossman

Notary Public

Bar # 16813

My commission is for life

STATE OF LOUISIANA

PARISH OF ST. MARY

ON THIS day of 2004, before me, the undersigned Notary Public. personally appeared WILLIAM A. "BILL" CEFALU, who by me duly sworn did state that he is the President of St. Mary Parish, and that the foregoing Second Amendment to Solid Waste Disposal And Landfill Lease was signed by him on behalf of said Parish by authority of the St. Mary Parish Council and said appearer acknowledged said instrument to be in the free act and deed of St. Mary Parish Government.

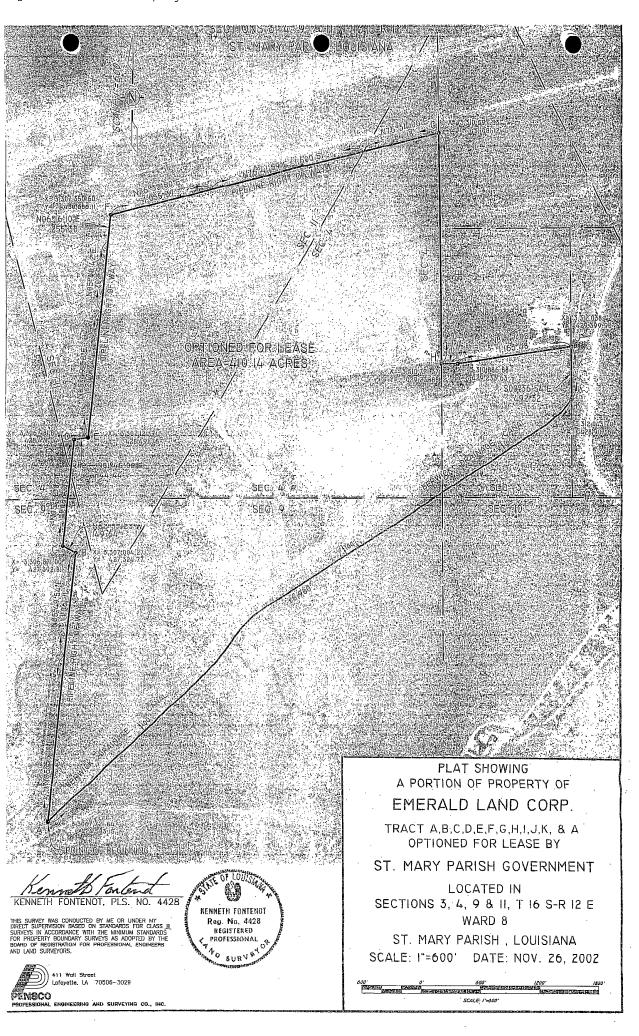
Notary Public, State of Louisiana

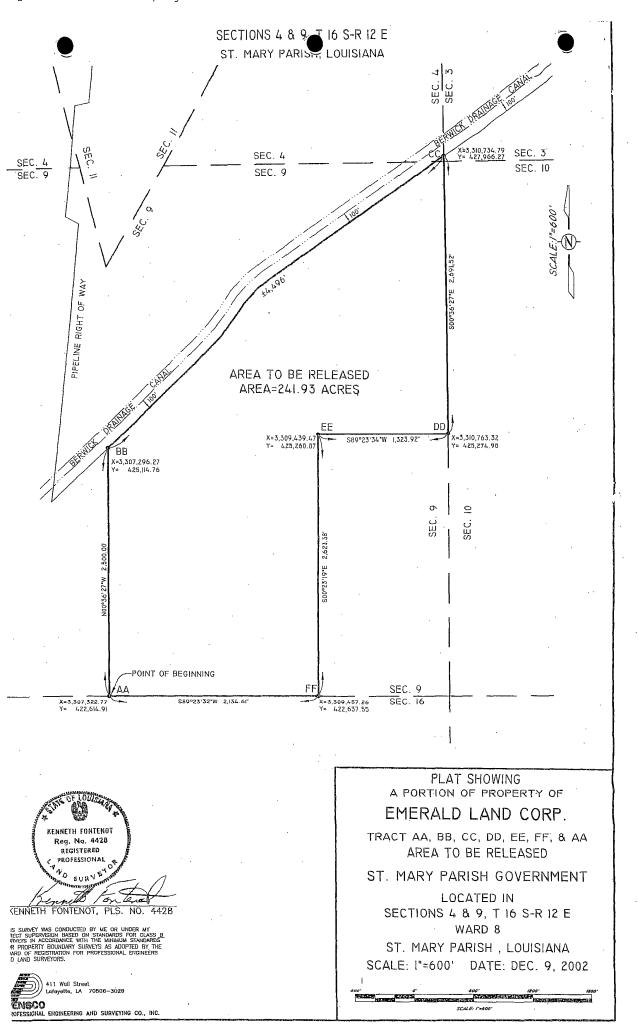
Frint Mame:\_

NOTARY/BAR NO.

# 48918

# BEST COPY





#### RECORDATION RECEIPT

#### STATE OF LOUISIANA PARISH OF ST. MARY

THIS CERTIFIED THAT THERE HAS BEEN RECEIVED FOR RECORDATION AN ACT OF:

AMENDMENT TO SOLID WASTE DISPOSAL AND LANDFILL LEASE

FROM:

**EMERALD LAND CORPORATION** 

TO:

ST MARY PARISH GOVERNMENT

REGISTERED IN

				801.001	
CONVEYA	ACE BOOK	NO 42-C	ENTRY NO.	<b>264,621</b>   PAGE	NO 203 .
MORTGAG	E BOOK NO	).	ENTRY NO.	I PAGE	. NO
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∥ BOOK NO			-ENTRY NO.	PAGE	NO.

OF THE RECORDS OF THE PARISH OF ST. MARY, STATE OF LOUISIANA AT

2:15 P.M. FEBRUARY 8, 1999

CLIFF DRESSEL

Clerk, Ex-Officio Recorder, St. Mary Parish, LA

Deputy Clerk of Court

STATE OF LOUISIANA

PARISH OF ST. MARY

#### AMENDMENT TO SOLID WASTE DISPOSAL AND LANDFILL LEASE

This Amendment to Solid Waste Disposal and Landfill Lease ("Amendment") is made and entered into effective this 1st day of October, 1998 ("Effective Date") by and between:

EMERALD LAND CORPORATION, a Louisiana Corporation domiciled in St. Mary Parish, Louisiana, with its registered office in the city of Franklin, herein appearing through its President, Michael A. Fogarty, duly authorized by Resolution of its Board of Directors, a certified copy of which is annexed hereto, hereinafter referred to as LESSOR, and

ST. MARY PARISH GOVERNMENT, the governing authority of the Parish of St. Mary, State of Louisiana, appearing herein through its Parish President, Oray P. Rogers, duly authorized by Ordinance of the St. Mary Parish Council, a certified copy of which is attached hereto, hereinafter referred to as LESSEE.

#### WITNESSETH:

WHEREAS, by written agreement dated on June 1, 1996 ("the Lease"), LESSOR leased to LESSEE that certain tract or parcel of land containing two hundred four (204) acres, more or less situated in Sections 3, 4, and 9 in Township 16 South, Range 12 East, St. Mary Parish, Louisiana, outlined in red on the plat attached hereto as Exhibit "A" and more particularly described as follows:

Beginning at point AA in said Section 9, as shown on plat entitled "Map Showing a Portion of Property of EMERALD LAND CORP. Located in Sections 3, 4, & 9 T16S-R12E Ward 8 St. Mary Parish, Louisiana", dated November 15, 1994, drawn by Pensco, Professional Engineering and Surveying Co., Inc. a copy of which is attached hereto as Exhibit "A" and made a part hereof; Thence North a distance of 1,300+- feet to point B; Thence North 31 Degrees 45.05 Minutes East a distance of 4,252.00 feet to point C; Thence East a distance of 1,231.00 feet to point D; Thence South a distance of 1,319.88 feet to point E; Thence East a distance of 1,318.82 feet to point F; Thence South to the intersection of the East line of Lot 5 of Section 3 with the Berwick Drainage Canal, or point FF; Thence Southwesterly along the Berwick Drainage Canal to Point AA the point of beginning; and

WHEREAS, LESSOR AND LESSEE desire to amend the Lease in the particulars hereinafter set forth.

NOW THEREFORE, the parties hereto, in consideration of the foregoing and the mutual promises, covenants and agreements herein contained, hereby agree as follows:

1.

Subject to the terms and conditions hereinafter set forth, and the terms and conditions set forth in the Lease, and for the purposes as therein described and hereinafter described, and for the consideration hereinafter stipulated, LESSOR does hereby, in addition to the foregoing described property, lease and let unto LESSEE the surface of the following described property situated in the Parish of St. Mary, State of Louisiana, the areal extent of which is outlined in blue on the plat attached thereto as Exhibit "A", to wit:

That certain tract or parcel of land containing two hundred ninety-two (292) acres, more or less situated in Sections 3, 4 and 9 in Township16 South, Range 12 East, St. Mary Parish, Louisiana. Beginning at point A in said Section 9, as shown on plat entitled "Map Showing a Portion of Property of EMERALD LAND CORP. Located in Sections 3, 4 & 9 T16S-R12E Ward 8 St. Mary Parish, Louisiana", dated November 15, 1994, drawn by Pensco, Professional Engineering and Surveying Co., Inc. a copy of which is attached

hereto as Exhibit "A" and made a part hereof; Thence North a distance of 2,980 feet (more or less) to point AA; Thence Northeast along the northern bank of the Berwick Drainage Canal to point FF; Thence South a distance of 1,205 feet (more or less) to point G; Thence West a distance of 1,318.82 feet to point H; Thence South a distance of 2,637.32 feet to point I; Thence West a distance of 1,323.92 feet to point I; Thence South a distance of 2,623.38 feet to point K; thence West a distance of 2,134.61 feet to Point A, the point of beginning.

And that certain tract or parcel of land situated in Township 16 South, Range 12 East, St. Mary Parish, Louisiana, being a portion of property of Emerald Land Corporation lying North of the Berwick Drainage Canal and adjacent to and east of Line "AA-B". Said tract being bordered on the North by property of Berwick Land Company, on the East by property of Emerald Land Corporation, on the South by the Berwick Drainage Canal and on the West by the eastern right of way of that certain Texaco, Inc. 30" pipeline as shown on the attached plat.

LESS AND EXCEPT that portion of Lot 5 lying and situated south of the Berwick Drainage Canal and measuring 15 acres, more or less.

The above described property hereinafter referred to as the "Additional Property". The Additional Property, together with the property originally leased to LESSEE being collectively referred to as the "Leased Premises".

2.

Article 3 of the Lease is hereby deleted in its entirety. In its place, the following paragraphs are substituted:

This Lease, as amended, shall expire on June 30, 2009, or until the expiration of LESSEE'S operating permit, which ever occurs later, but in no event later than December 31, 2009. Upon termination of this Lease for any reason, LESSEE shall close the landfill and provide post closure care of the landfill in accordance with all applicable rules and regulations then in effect regarding the closure of landfill operations conducted within the State of Louisiana.

3

Article 4 of the Lease is hereby deleted in its entirety. In its place, the following paragraphs are substituted:

The consideration for this Lease, as amended, is the payment by LESSEE to LESSOR of the cash rentals and fees (the Annual Rent, Additional Monthly Rent and Post Termination Fees as hereinafter set forth), and the stipulations, agreements and obligations herein undertaken and agreed to by LESSEE, all of which are recognized as material parts of the consideration of this Lease without which LESSOR would not have executed this Lease, as amended.

(a) Annual Rent. Commencing on June 1, 1999, the LESSEE shall pay LESSOR as Annual Rent the sum of Two Thousand Five Hundred and No/100 Dollars (\$2,500.00). Thereafter, for the remaining term of the Lease as amended, i.e. through June 30, 2009 (or if LESSEE'S operating permit is extended, then to the expiration of said permit, or December 31, 2009, which ever occurs first), the Annual Rent shall be adjusted for inflation each year. The Annual Rent shall be paid in an amount equal to the previous year's payment, multiplied times one (1), plus any percentage increase, if any, from the previous year's payment, in the Consumer Price Index for Urban Wage earners and clerical workers published by the Bureau of Labor Statistics of the United States Department of Labor, or any revision thereof; or, if such is no longer available, any equivalent of such index published by the United States Government, hereinafter referred to as "CPI Increase". In determining the CPI Increase, LESSEE shall compare the appropriate CPI figure published for the month of January immediately preceding the annual rental payment with the same figure published for the month of January the year before. If, however, such figures are not available twenty-one

days before the annual rental payment is due, then LESSEE may pay to LESSOR a payment equal to the previous year's payment, and remit a check to LESSOR for the difference, if any, when same becomes known, Said annual rental shall be considered to have been properly paid when placed in the United States Mail, with adequate postage paid, to LESSOR'S address as shown above, on or before the due date. No change of address of any party hereto shall be effective as to any other party hereto until forty-five (45) days after having been furnished with written notice of such change of address by Certified United States Mail, Return Receipt Requested. LESSEE shall not be entitled to prorate the Annual Rent which shall be due on June 1, 2008, or if the Lease is extended, Annual Rent which shall be due on June 1, 2009. All Annual Rent payable under the Lease, as amended, shall be paid in advance on or before the 1st day of June of each such year.

- (b) Additional Monthly Rent. Commencing with the first month following the Effective Date and for twelve months thereafter, LESSEE shall pay LESSOR as Additional Monthly Rent the sum of Seventy-Five Cents (\$.75) per ton of solid waste material disposed of on the Leased Premises. Thereafter, for each month during the next year of the Lease, i.e. from October 1, 1999 through September 30, 2000, LESSEE shall pay LESSOR as Additional Monthly Rent the sum of Eighty-five cents (\$.85) per ton of solid waste material disposed of on the Leased Premises. The Additional Monthly Rent shall escalate by Ten (\$.10) Cents per year for each successive year during the remainder of the Lease. To illustrate: For the twelve month period commencing on October 1, 2000, the Additional Monthly Rent shall be Ninety-Five Cents (\$.95) per ton of solid waste material disposed of on the Leased Premises. For the period commencing on October 1, 2008 through the end of the Lease, i.e. through June 30, 2009, the Additional Monthly Rent shall be One Dollar and Seventy-Five Cents (\$1.75) per ton of solid waste material disposed of on the Leased Premises; provided, however, that if the Lease is extended until December 31, 2009, the Additional Rent for the period beginning on October 1, 2009 through December 31, 2009, shall be One Dollar and Eighty-Five Cents (\$1.85) per ton of solid waste material disposed of on the Leased Premises. The Additional Monthly Rent shall be paid to LESSOR no later than the twentieth (20th) day following the month in which such solid waste material is disposed of on the Leased Premises.
- (c) Post Termination Fee. Upon termination of this Lease for any reason, LESSEE shall pay LESSOR an annual Post Termination Fee, which amount shall be fixed and equal to the amount of the last Annual Rent paid under the terms and conditions of this Lease. The Post Termination Fee shall be paid in the same manner as the Annual Rent; provided, however, that if this Lease shall terminate on December 31, 2009, the first annual Post Termination Fee shall not be due and payable until June 1, 2010. LESSEE shall be obligated to pay the Post Termination Fee annually for so long as LESSEE is required to provide post closure care of the landfill in accordance with all applicable rules and regulations then in effect regarding the closure of landfill operations conducted within the State of Louisiana. All annual Post Termination Fees payable under the Lease shall be paid in advance on or before the 1st day of June of each such year.
- (d) Audit Rights. LESSEE shall keep reasonable and accurate records of the total volume (by ton) of solid waste material disposed of on the Leased Premises. Upon reasonable notice, LESSOR shall have the right to audit such records for any calendar year within the twenty four (24) month period following the end of such calendar year; provided, however, that no more than one audit may be conducted by LESSOR during any calendar year.

5

Section 5 of the Lease is hereby amended to permit, LESSEE to fill the remaining unfilled portion within the area shown and designated as "CELL 3" on the attached plat to a maximum height of forty-two (42) feet; provided, however, that in the event that LESSEE obtains from the Louisiana Department of Environmental Quality a new landfill permit allowing horizontal and vertical expansion of Cell 3, the remaining portion of Cell 3 not yet filled and that area designated as "Area for Future Expansion" on the attached plat (also referred to as Area 4 of the Leased Premises prior to this Amendment), then LESSEE shall be allowed to fill or pile solid waste and/or cover material on said areas to the maximum height allowed in said permit.

Except as amended herein, all remaining terms and conditions of the Lease as originally set forth shall remain in full force and effect.

THUS DONE AND SIGNED in the presence of the undersigned competent witnesses as of the Effective Date of this instrument even though the signatures may be affixed prior to or subsequent thereto.

WITNESSES:

Lisal Spenale

LESSOR

EMERALD LAND CORP

BY: Nichael A. Fogarty, President

LESSEE

ST. MARY PARISH GOVERNMENT

BY: Oray P. Rogers, President

STATE OF LOUISIANA

PARISH OF ST. MARY

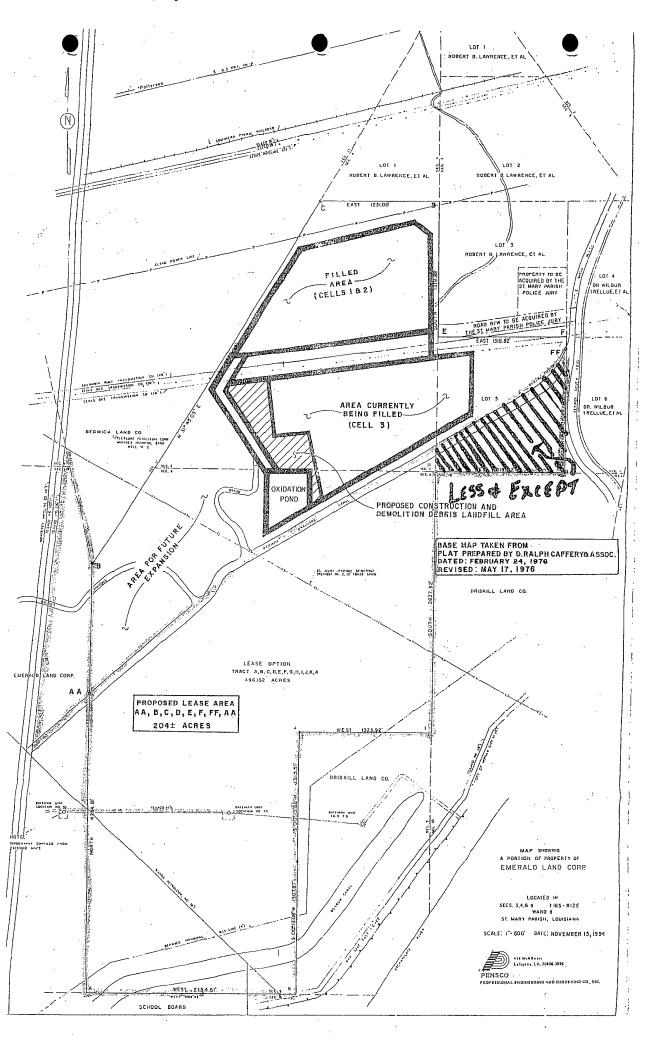
ON THIS 20 day of \_\_\_\_\_\_\_\_, 199 \_\_\_\_\_\_\_\_, before me, the undersigned Notary Public, personally appeared MICHAEL A. FOGARTY, who by me duly sworn did state that he is the President of the Emerald Land Corporation, and that the foregoing Amended Lease was signed by him on behalf of said Corporation by authority of its Board of Directors and said appearer acknowledged said instrument to be in the free act and deed of said Corporation.

VIOLYDA DI LET IC

STATE OF LOUISIANA PARISH OF ST. MARY

ON THIS 29 day of <u>Necesber</u>, 199 V, before me, the undersigned Notary Public, personally appeared ORAY P. ROGERS, who by me duly swom did state that he is the President of St. Mary Parish, and that the foregoing Amended Lease was signed by him on behalf of said Parish by authority of the St. Mary Parish Council and said appearer acknowledged said instrument to be in the free act and deed of St. Mary Parish Government.

NOTARY PUBLIC



#### EMERALD LAND CORPORATION

(A Louisiana Corporation domiciled in St. Mary Parish, LA)

Energy Centre

1100 Poydras Street - Suite 2700 - New Orleans, Louisiana 70163. Telephone (504) 585-3800 Telecopier (504) 585-3801

May 6, 2002

St. Mary Parish Council Fifth Floor- Courthouse Franklin, Louisiana 70538-6198

Re:

Property Bordering the Harold J. "Babe" Landry Landfill

Berwick, St. Mary Parish, Louisiana

Gentlemen:

Emerald Land Company understands that the Louisiana Department of Environmental Quality (LDEQ), in accordance with LAC VII.709.B.2.a, requires a 200-foot buffer zone between a solid waste disposal facility and the adjacent property line. Emerald Land Company hereby agrees to waive its rights to that buffer zone with respect to the Harold J. "Babe" Landry Landfill, and further agrees to have no buffer zone with respect to the Harold H. "Babe" Landry Landfill, and further agrees to have no buffer zone between the facility and all Emerald Land Company property lines adjacent to the facility.

Best regards,

Emerald Land Company

Michael A. Fogarty

President

STATE OF LOUISIANA

PARISH OF ORLEANS

Before me, a Notary Public in and for the State and Parish mentioned, personally came and appeared Michael A. Fogarty, with whom I am personally acquainted (or proved to me on the basis of satisfactory evidence), and to who, upon oath, acknowledge such person to be the within bargainor, and that as such bargainor executed the foregoing instrument for the purpose therein contained, by signed the above instrument.

Witness my hand and seal in New Orleans, Louisiana, this 6th day of May, 2002.

NOTARY PUBLIC

My commission expires at death.

#### RECORDATION RECEIPT

#### STATE OF LOUISIANA PARISH OF ST. MARY

## THIS CERTIFIED THAT THERE HAS BEEN RECEIVED FOR RECORDATION AN ACT OF:

EAGREEMENT

FROM:

TO:

#### REGISTERED IN

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CLIFF DRESSEL

Clerk, Ex-Officio Recorder, St. Mary Parish, LA

Deputy Clerk of Court

EMERALD LAND CORPORATION

ENTRY NO.		na Corporation domiciled in St. Mary Parish, LA) RECORDED-IN GONVEYANCE BOOK 45-C AT FOLIO	11
**	1100 Poydras S Telephone	Street - Suite 2700 - New Orleans, Louisiana 70163 : (504) 585-3800 Telecopier (504) 585-3801	
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St. Mary Parish Council Fifth Floor- Courthouse Franklin, Louisiana 70538-6198

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Best regards,

Emerald Land Company

Michael A. Fogarty

President

STATE OF LOUISIANA

PARISH OF ORLEANS

Before me, a Notary Public in and for the State and Parish mentioned, personally came and appeared Michael A. Fogarty, with whom I am personally acquainted (or proved to me on the basis of satisfactory evidence), and to who, upon oath, acknowledge such person to be the within bargainor, and that as such bargainor executed the foregoing instrument for the purpose therein contained, by signed the above instrument.

Witness my hand and seal in New Orleans, Louisiana, this 6th day of May, 2002.

NOTARY PUBLIC

My commission expires at death.

CLERK'S OFFICE, FRANKLIN, LA

Received and filed for

recordation at /2002

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## Exhibit 21 Excerpts from Solid Waste Management Study

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#### A. ANALYSIS OF THE LOCAL WASTE MANAGEMENT SYSTEM

#### **Executive Summary**

The regional waste management study (RWMS) for the Evangeline Economic Planning District Council (Evangeline Region) has been conducted through a joint effort by the Urban Waste Management and Research Center (UWMRC) in the Department of Civil and Environmental Engineering at the University of New Orleans, and the Institute for Recyclable Materials (IRM) in the College of Engineering at Louisiana State University.

The purpose of the study is to estimate the cost of various regional waste management options available to the Evangeline Economic Planning District Council for the period 1995-2014. The current solid waste management cost for the Evangeline Economic Planning District Council used in the analysis was obtained directly from the local governments included in the region, and was utilized by the researchers to estimate the cost by a variety of means. The waste management techniques used in the study were recycling, composting, yard waste ban, waste-to-energy (WTE) conversion, long distance haul, and landfill disposal.

This report finds that the cost of the waste management program depends on which waste management methods are utilized (see Figure 1 on the following page). Of the waste management options studied, landfill of all waste remains the least costly method of disposal, while the scenario involving waste-to-energy option appears to be the most costly.

#### Description of Waste Management Scenarios Chosen for the Analysis

Scenario I. - Landfill Disposal of All Waste: All waste is placed in a local landfill without benefit of recycling, composting, or other waste minimization technique. In the case of regionalization, all waste in the region is disposed in the regional landfill or landfills.

Scenario II. - Recycling with Landfill Disposal: After application of the local recycling rate, the remaining waste is landfilled. Recycling is considered a local service regardless of regionalization.

Scenario III. - Recycling and Composting with Landfill Disposal: The local recycling rate is used coupled with composting of 100% of the yard waste and sewage sludge (if any). The remaining waste is landfilled. In the case of regionalization, composting is conducted at the regional site.

Scenario IV. - Long Distance Haul for Landfill Disposal of All Waste: Same as Scenario I. with a long distance haul. All waste is placed in a distant landfill

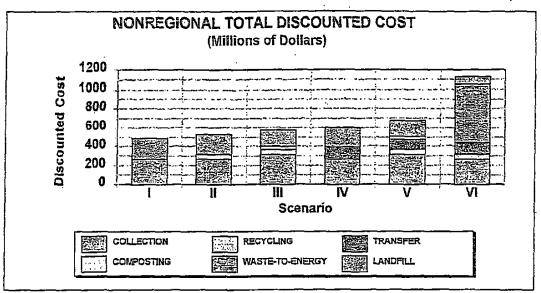


Figure 1 - Total Cost of Local Waste Management Assuming Different Waste Management Options

Scenario IV. - Long Distance Haul for Landfill Disposal of All Waste: Same as Scenario I. with a long distance haul. All waste is placed in a distant landfill

without benefit of recycling, composting, or other waste minimization technique. In the case of regionalization, all waste in the region is disposed in the regional landfill or landfills.

Scenario V. - Recycling and Composting with Long Distance Haul for Landfill Disposal: Same as Scenario III. with a long distance haul. The local recycling rate is used coupled with composting of 100% of the yard waste and sewage sludge (if any). The remaining waste is disposed in a distant landfill. In the case of regionalization, composting is conducted at the regional site.

Scenario VI. - WTE with Recycling and Landfill Disposal: After application of the local recycling rate, the remaining waste goes to waste-to-energy and the ash is landfilled. Recycling is considered a local service regardless of regionalization.

#### **Data Gathering**

Evangeline Economic Planning District Council staff gathered all the necessary data and the UWMRC and IRM staff completed the analysis. The UWMRC and IRM staff met with local government officials to review their Municipal Solid Waste

UWMRC/IRM relied on census data regarding population characteristics, as well as several nationwide MSW studies regarding waste characteristics and projections. Default values reflecting the latest technological and cost estimates were used, where the Evangeline Economic Planning District Council specific data was not available. When necessary, UWMRC/IRM employed data from past studies conducted on other parishes in Louisiana. Throughout the data gathering stage, UWMRC/IRM relied on the best information available in the judgment of the principal investigator.

#### **Waste Generation Projections**

Annual waste generation rates were estimated for the time period 1995-2014. Based upon the last reported annual waste tonnage and the Evangeline Economic Planning District Council population size, the per capita waste generation rates of 2.41 lb/capita/day for residential waste and 2.74 lb/capita/day for commercial waste were established. Per capita generation was calculated by dividing the total number of tons of waste by the population generating the waste. Then, using the population projections (see next section) and assuming that there was no growth in specific waste components, total residential and commercial (excluding sewage sludge) waste generation rates were predicted (Tables B-1 thru B-11).

The waste percentage composition data by component and each component's annual fluctuation statistics from a national study conducted by Franklin Associates in 1992 were utilized in the future waste generation estimates. The projections, including estimates of residential and commercial waste tonnage generated by component, such as paper, glass, ferrous metals, aluminum, plastic, and yard waste as well as total tonnage projections were established. The composition of waste and the fluctuations in its components were taken into consideration.

The sewage sludge generation rate of 0.7 lb per capita per day was used. This rate was obtained from the previous research conducted on Jefferson Parish and should be considered the worst case scenario for sewage sludge generation.

#### Population and Household Projections

Estimates of population and number of households were derived using the shift-share method of analysis. The technique has long been used in analyzing regional economic activity and its use has recently been expanded into the field of population and waste generation projections.

Shift-share provides decomposition techniques to allocate observed local population growth rates into the following:

- direct share of the parish population from state population growth (state growth effect);
- 2. the share of population change as a result of unique parish population composition;
- 3. other population change unique to the parish such as migration or urban flight (shift effect).

The above method allows inclusion of not only natural population change, but also estimates relocation of the population between Evangeline Parish and the surrounding parishes.

Using the shift share methodology, UWMRC calculated annual estimates of population. By employing the person per household assumptions from Table C-1, the number of households was estimated for the time period 1995-2014 (see Table C-2).

#### Cost Estimates

UWMRC computed detailed annual estimates of the projected cost of solid waste management by a combination of five different methods (landfill, recycling, composting, transfer to remote landfill, and WTE). For instance, Figure 2 shows the annual non-discounted costs of different waste management techniques under Scenario V. The detailed Evangeline Economic Planning District Council cost estimates include projections of future collection cost as well as treatment methods and waste disposal (Section D).

#### Optimization of Waste Disposal Methods

Total cost of waste disposal for a twenty year period under each of the combined waste management methods is presented in Table 1. The projected total was discounted at the assumed discount rate of eight percent to allow the different waste management methods to be judged on a consistent basis. The total net presents costs in each scenario of the six scenarios are presented in Figure 1.

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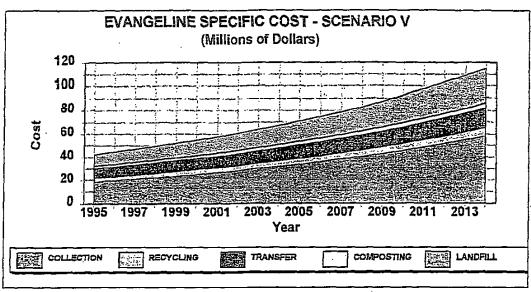


Figure 2 - Example of Cost for a Waste Management Option (Scenario V)

Figure 3 shows the average cost of waste management in dollars per ton for the Evangeline Economic Planning District Council. The costs are computed in 1995 dollars. The Landfill All Waste option offers the lowest cost per ton whereas the option containing a WTE program requires the highest expenditure.

**Table 1-** Nonregional Total Cost for Different Waste Management Options (millions of dollars-discounted)

SCENARIO	ST I		111	IV.	V	_yl <sub>i</sub> ;
COLLECTION	\$269	\$269	\$317	\$269	\$317	\$269
RECYCLING	\$0	\$51	\$51-	\$0	\$51	\$51
TRANSFER	\$0	\$0	\$0	\$126	\$111	\$125
COMPOSTING	\$0	\$0	\$31	\$0	\$31	\$0
WASTE-TO-ENERGY	\$0	\$0	\$0	\$0	\$0	\$608
LANDFILL	\$219	\$210	\$178	\$203	\$165	<b>578</b>
TOTAL	\$487	\$530	\$576	\$597	\$674	\$1,130

#### Non-Regional Analysis

Landfill disposal of all waste is the lowest cost option for each parish. The most expensive approach to integrated solid waste management includes establishing a WTE facility, where the costs of waste management approximately

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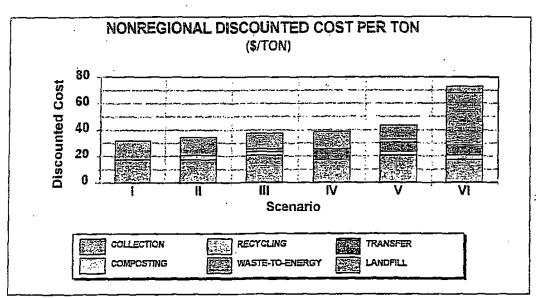


Figure 3 - Nonregional Cost Per Ton for Different Waste Management Options

doubled those in the Landfill All Waste option. Tables 2A and 2B gives the total discounted cost for each parish scenario by scenario.

#### Conclusions

The finding of the report was that of the waste management options studied, landfill of all waste remains the least cost method of disposal, while a strategy using Waste-To-Energy is the most expensive of all. Regional analysis of the waste management cost are given in the second volume of this report.

### TOTAL NONREGIONAL DISCOUNTED COSTS BY SCENARIO (Millions of Dollars)

Table 2A - Nonregional Cost Comparison for Local Governments in this Study

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l.	\$43.7	\$40.2	\$67.6	\$27.7	\$73.5	\$50.6
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111.	\$50.3	\$50.2	\$78.3	\$33.8	\$86.4	\$61.0
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V	\$46.9	\$50.2	\$92.4	\$40.7	\$104.3	\$86.4
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Table 2B - Nonregional Cost Comparison for Local Governments in this Study

Scenario	City of Latayette	SC Marting	2. Vermilion	<b>ENOTAL SE</b>
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111.	\$90.2	\$60.2	\$65.7	\$576.2_
N. V.	\$100 A	360.7		
V	\$105.9	\$68.2	\$79.3	\$674.4_
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#### References

1. United States Environmental Protection Agency, Office of Solid Waste, Characterization of Municipal Solid Waste in the United States: 1992 Update. EPA/530-SW-80-054A. Washington, D.C., 1992.

# TABLE B-6 ST. MARY PARISH WASTE GENERATION

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## TABLE C-1 NUMBER OF PERSONS PER HOUSEHOLD

acadas a ser a se	
Evangeline	2.90
St. Landry	2.90
PARADICA PARADICA	
City of Lafayette	2.50
Selection	
St. Mary	3.00
demilion -	

TABLE C-2 POPULATION AND HOUSEHOLD PROJECTIONS FOR THE EVANGELINE ECONOMIC PLANNING DISTRICT COUNCIL

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HISTORY OF BUILDING CONTROL OF THE SECOND OF	ETHER ETHEN SEPTEM SELTEN SELTEN SELECTION SEL	
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	<del>aasa</del> e Landfilling A	Mactae		•					
WASTE TONN		Year	1995	1996	2000	2005	2010	2013	2014
GENERATION		. —				. •			
MSW			57, <i>2</i> 28	57,755	60,967	68,112	72,520	76,782	· 78,270
Yard Waste	<b>.</b>		10,734	10,823	10,532	10,527 -3,962	10,508	10.498	10,494
Sewage Stor Amount Una			3,851 3,588	3,858 3,621	3,885 3,798	4,093	4,075 4,457	4,144 4,719	4,157 4,808
Total Am	ount of Waste	-	75,401	78,457	79,289	24,623	81,270	96,142	47,749
	aj Ash / Composting Resid Fetzi Waste Disposal	<u>-</u>	71,813	72,436	75,490	0 40,502	67,363	91,423	32.361
MANAGEMENT	*		•			•	·	,	
Amount Rec		•	٥	0		.0	٥	` s	a
	aded from Collection		ŏ	ŏ	Ö	0	ō	ŏ	ŏ
Amount Com			. 0	· <u>0</u>	Q	0	0	0	0
Amount to W Amount Land			71,813 .	72.437	C 75,490	0 80.601	0 57,103	0	0
Amount Unac			3,588	3.621	3,798	4.093	4.457	91,424 4,719	92,940 4,808
	te Meneged	-	71,413	16	/1,192	76,508	\$2,536	36,715	46,132
WASTE MANAC	SEMENT COSTS				. ,				
COLLECTION									<u> </u>
	MSW	Total S	\$1,516,494	\$1,810,328 \$23,48	\$2,047,430 \$28,59	\$2,794,296 \$35.45	\$3,845,697 \$48,32	\$4,657,968	\$4,965,203
	Yard Waste	Shoo Tatel S	\$22,31 50	523.48 50	528.59 50	\$30.46 20	. \$46.52 SD	\$53.37 \$0	\$55,83 20
	12012	Short	\$0.00	\$0.00	80.00 ·	\$0.00	20.00 20.00	20.02	20.00
Total Was	rte Collection Cost					·			
		Total \$	\$1,515,494 \$22,31	\$1,510,528 \$23,48	\$2,047,430	\$2,794,296 \$36,48	\$3,845,597 \$46,32	\$6,725,965 \$53.37	\$4,965,203 253,93
			••••		422-07	, 40-110	<b>V</b>		,
RECYCLING									
	MSW	Totzi \$	50	\$0	20.	. 50	. 30	30	\$23
		S/ton	20,00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0,00
TRANSFER						-			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Total S	<b>50</b>	\$0	50	\$0	\$0	<b>Q2</b>	50
		\$7on	\$0.00	\$0.00	\$0.00	\$0.00	· 20700	\$0.00	\$0.00
COMPOSTING		1					:		
COST CLINIC	MESW	Total S	20	20	<b>S</b> D	20	\$0	20	\$0
		\$/ton	\$0.00	\$0.00	\$0,00	\$0.00	\$0.00	\$0.00	\$0.00
	Yard Waste	Total S Siton	<b>\$7</b>	02.02 02.02	\$27 \$0,00	\$0.00	\$0.00	***	\$0
	Studios	Total S	20.00 02	\$0.00 \$11	20	\$0.00	\$0.00 \$0	20.00	20.00 20.00
3		\$/torz	\$0.00	\$0.00	\$0,00	\$0.00	\$0.00	27.00 27.00	\$0.00
Total Wast	e Composting Cost	· Total 3	_ <del></del>	- 30					
		\$7ton	\$0.00	20-00	20-00	\$0.00	\$0.00	\$0.00	\$0.00
WASTE TO ENE	36V								
MASIE TO ENE		Total S	\$0	50	50	_ <b>S</b> 0	20	\$0	\$0
		Ston	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LANDFILL					<b>;</b> •				
		Total \$	\$1,516,589	\$1,596,539 \$22,04	\$1,955,820	\$2,552,560	\$3,357,607 \$38,55	\$3,853,825	\$4,176,190
		\$/ton	\$21,12	377.04	°\$25.04	<b>53</b> 1.79	238.25	\$43.25	\$44.93
	ASTE MANAGEMEN	TCOST		<u> </u>					
Unchaotated Total	S led		\$3,033,083	\$3,206,967	54.013.250	35.256.25g	57,203,304	\$8,811,793	\$3,141,293
\$100			\$42.24	\$45,60	\$55.94	\$70.02	\$87-17	\$99,32	\$103.72
	er capita per ennum		\$40.27	¥42.57	\$53.28	\$70.43	\$93.07	\$110.08	\$116.43
\$ p Cumulative Discour	er homehold per month		\$10.07	\$10.64	\$13.32	\$17.61	\$23.27	\$27,52	\$29.11
Continuo Control	'	\$50,613,976		\$0.53					
Shon	•	\$32.83 Yes				•			· }
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	YEAR:	1995	2014
Weight Reduction Actieved (%)			
Recycling		0%	0%
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Composting		0%	0%
` WTĒ		0%	0%
TCTAL.		0%	0%
Volume Reduction Achieved (%)		•	
Recycling		0%	2%
Ban		0%	<b>(7%</b>
Composting		0%	076
WIE		0%	(%
TOTAL		0%	0%

YEAR:	1995	2014
	1%	1%
	<b>0%</b>	2%
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WASTE TON	INAGE	Year	1995	1998	2000	2005	2010	2013	2014
GENERATIO	2N					•			
MSW	••		57,223	57,758	60,957	65,112	72,520	76,782	78.279
Yard Was	ts		10,734	10,823	10,638	10,527	10,508	10,498	10,494
Sawage S	Starige .		3,851	3,858	3,885	3,962	4,675	4,144	4,167
Amount U	Inaccounted for Amount of Waste	· · · · -	3,588 75,401	3.521 76.057	3,798 79,789	4,093	4,467 91,370	4,719	4,808
	idual Ash / Composting Resid	hal	13,401	0	. 0		و،جرو	95,142 0	27,749 0
	o-Total Waste Disposal		71,813	72,435	75,490	d0,502	ā7,103	\$1,423	92,941
*MANAGEME	ENT .	• •		•					
Amount R			418	421	451	499	559	500	615
	xubsted from Collection		. 0	0		0	0	Ö	0
	omposted .		14,585	14,681	14,523	14,490	14,583	14,642	14,652
Arresont to Account L			56,810	57,335	50,518	65,613	71,960	78,181	77.864
	naccounted for	_	. 3,588	3.521	3,798	4,093	4,457	4.719	4.808
	Vasce Managed	•	71,312	58,315	71,492	78,309	42,553	. 25,704	22,133
WASTE MAN	AGEMENT COSTS					<u> </u>			
COLI FOTIO	N						-		
	MSW	Total \$	\$1,516,494	\$1,610,378	\$2,047,430	\$2,794,298	\$3,845,697	\$4,657,968	54,955,203
_		\$/ton	\$26.69	\$28,09	\$33.83	\$42.59	\$53.44	551.14	553,53
•	Yard Wasto	Total \$ S/ton	\$353,830 \$32.96	\$365,090 \$33,73	\$413,328 \$38.90	\$489,281 \$46.48	\$583,310 \$55.51	5648,209	\$671,409
Total 2	Waste Collection Cost	≯m⊓	275.30	*22.13	226730	340.40	100.01	\$81.75	\$53.98
1000	Mara Commons dose	Total \$	\$1,870,325	\$1,975,419	\$2,481,259	41,281,557	84,425,007	\$5,305,178	25,232,213
		\$/fon	\$27.69	\$78.98	\$34.59	\$41.12	\$53.71	\$\$1.22	\$62.94
RECYCLING									
	MSW	Total \$	\$353,830	\$385,090	\$413,828	\$489,261	\$583,310	\$648,209	\$671,409
		\$/ten	\$847.12	\$867.54	\$917.71	\$980.61	\$1,042,91	\$1,079.60	\$1,091 <i>.ជ</i> ា
TRANSFER									
1144141 21		Total \$	\$0	\$0	\$0	\$0	\$0	507	50
		Ston	\$0.00	20.00	<u>\$0.00</u>	\$0.00	20.00	\$0.00	\$0,00
COMPOSTIN				, .					
COMPOSITO	MSM .	Total S	20	\$0	\$0	\$0	\$0	\$0	50
		<sup>(:</sup> \$7ton	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	20.00
	Yard Wasto	Total \$ \$700	\$273,605	\$275,832	\$304,593 57.853	\$348,653 \$31.12	\$402,518 338,32	\$439,037 \$41,82	\$451,913
	Skelge	Total \$	525.49 598.369	\$25.49 \$98.539	\$111,414	\$121,342	\$156,187	\$173,332	\$43,06 \$179,481
		\$/100	\$25.54	\$25.54	\$28.58	\$33.15	\$38.33	\$41.83	\$43,08
Total W	size Composting Cost			3077744	444-503	2478.506	272.0.25	SE47 125	
	*	Total \$ " \$/lon	\$571,574 \$75.50	\$374,271 \$25.50	\$415,008 \$415,008	\$33.13	\$38.32	\$612,368 \$41,22	8431,374 543,08
							V		
WASTE TO E	NERGY			20			•	_	
		Total \$ \$70m	\$1.00 \$1.00	. 20700 20	\$27'00 20	20.00 20	\$57,000 200	\$0'00 20	20'00 20
LANDFILL		•							
LANGELITT		Total S	\$1 <u>.263.278</u>	\$1,329,992	\$1,642,761	52,150,099	52,829,115	\$3,340,480	\$3,531,540
		S/ton	\$22.24	\$23.20	\$27.15	\$32.77	\$39.32	\$43.85	\$45,47
	WASTE MANAGEMEN	COST							
nciscounted			\$3,859,407	\$4,044,872	24 933 856	\$6,402,913	\$8,400,238	\$9,907,727	\$10,471,036
	Total S · Siton		33,859,A07 253,74	\$4,044,272 \$58.78	\$4,513,650 \$58,82	383.69	\$101.55	\$114.26	\$118.31
	\$ per capita per annum		\$55,04	\$57.62	363,37	\$89.16	\$114.79	\$132,77	\$139,56
	\$ per household per month		\$13,76	\$74,40	\$17.47	\$22.29	\$28.55	\$32,19	\$34,92
onipiative Disc.		\$61,042,570		\$0.53	•				·
Total S	•	\$51,042,570 \$39.65 Ye	**	*****				-	'. ]
-	sapita per amaum	\$55.04	-						
							<u></u> .		

101 1 1 4 Pt	Part Authority (PA)	YEAR:	1995	2014
MANGET KROOT	ction Achieved (%)			
	Ban .		0%	0%
	Compostina		19%	15%
			0%	0%
				16%
				_
Makana Darka	often Arbierard MC1			
ACTURAL CONTROL			480	494
	Composting		14%	
	WTĚ		0%	0%
			25%	11%
		•		10
Volume Redu	Recycling Ban Composing WTE TOTAL ution Achieved (%) Recycling Ban Composing WTE TOTAL		0% 20% 1% 0% 14%	0% 16%

VASTE TONNAGE	Year	1995	lling All W 1996	2000	2005	2010	2013	2014
ASTE IDIOAGE	. 001		1354					2017
GENERATION							70.000	
MSW ·		57,228	57,756 10,823	60,967 10,638	66,112 19,527	72,520 10,508	76,782 10,498	78,2 10.4
Yard Waste		10,734 3,851	3.658	3.885	3.962	4.075	4.144	4.1
Sewage Studge Amount Unaccounted for		3,588	3,621	3.798	4.093	4,457	4.719	4.8
Total Amount of Waste		75,401	76,057	79.285	#4.E#5	\$1,570	85,742	87,7
WTE Residual Ash / Composting Residual	at .	122401	,000,	٥	. 0	0,7,1	0	9141
Psuedo-Total Waste Disposal	•	71,213	72,435	75,490	80,502	27,183	91,423	82,3
MANAGEMENT								•
Amount Recycled		0	0	0	` 0	. 0	0	
Amount Excluded from Collection		0	0	0	0	0	0	
Arresent Composted		C	Ģ	0	0	0	0	
Amount to WTE		0		- 0	0	0	0	
Amount Landfilled		71,813	72,437	75,490	80,601	87,103	91,424	92,94
Amount Unaccounted for		3,588	3,621	3,798	4,093	4,467 \$2,636	4.719 46,705	4.80
Total Waste Managed		71,813	64,416	71,692	75,508	*******	801.63	46,13
ASTE MANAGEMENT COSTS								
COLLECTION	T	** ***	es 040 metr		\$2,794,296	\$3,845,697	\$4,857,968	\$4,985.20
MSW	Total \$ Shon	\$1,515,494 \$27,31	\$1,810,328 \$23,48	\$2,047,430 \$78.59	\$2,794,296 \$38,46	\$46.32	\$4,537,566 \$53,37	\$4,965,21 \$55,6
Yard Waste	Total S	\$0 \$0	. 443.40	\$20 \$0	\$0	\$0	\$0	3
	24cú	\$0.00	*200	\$0.00	\$0.00	\$0.00	20.00	an i
Total Waste Collection Cost	-:				52,794,295			34,925,92
	Total \$ " S/ton	\$1,515,494 \$22.31	\$1,610,528 \$23,48	\$2,647,A30 \$28.59	\$38.46	\$1,345,697 \$46,32	\$4,557,96 <b>1</b> 753.37	\$55.5
RECYCLING KSW	Total S	30	50	. 20	50	\$0	20	5
	\$/ton	\$0.00	. \$0.00	\$0.00	\$0.00	\$0.00	\$0,00	\$0.0
TRANSPER					•			
	Total \$	\$2,071,037	<u>52,</u> 145,751	\$2,490,496	\$3,048,387	53,777,863	\$4,310,532	\$4,506,36
	\$700	\$28,84	\$29.62	\$32,99	\$37.80	543.37	\$47.15	\$48.4
	1							
COMPOSTING	ë Tanan		20	\$13	50	50	20	s
MSM	Total S Snoo	20	\$0.00	50.00	\$0.00	S0.05	51.00	\$6.0
Yard Waste	Total S	\$0.00 \$0	\$0.00 \$0		\$0	20	20	2
1412 1450	2000	\$0.00	\$2.00	SD 00	sp.00	\$0.00	\$0.00	\$0.0
Shidos	Total S	30	\$0	\$0	\$0	\$0	\$0	S
* ·	\$700	\$0,00	20700	\$0.00	\$0.00	\$0,00	20.00	\$Q,D
Total Waste Composting Cost				- 10				
•	Tetal \$ S/ton	\$0.00	\$0.00	\$0,00	20.00	\$6.00	\$0.00	\$0,0
WASTE TO ENERGY						-		
incit io ceres	Total \$	20	. 50	50	, <b>\$</b> 0	\$0	\$0	5
	· \$/200	\$0.00	\$0.00	\$57.00	\$0.00	20.00	\$0.00	\$0.0
LANDFILL				<u>.</u> -				
	Total \$	\$1,516,589	\$1,596,639	31,965,820	\$2,562,560	\$3,357,807	\$3,953,825	\$4,176,19
	. Zylon	\$21,12	\$22.04	<sup>226,04</sup>	531.79	<b>\$38.55</b>	\$43.25	\$44.5
TAL SOLID WASTE MANAGEMENT	COST					<u> </u>		
cuscounted		** 404	\$5,357,718	St. E00 740	\$8,403,242	\$10,981,167	\$17.977.325	
Total \$		\$5,104,120	\$5,352,718 \$77,78	\$6,503,748 \$90,72	\$109.83	\$10,551,167 \$137.89	\$149.04	\$13,647,75 \$154,8
Siton S per capita per amuun		\$71,08 \$59,72	\$77.78 \$62.17	\$50.22 • \$76.02	\$105.63 \$2.796	2126.59	\$143.04 \$147.93	8154.8 8155.8
\$ per household per month		\$14.81	\$15.54	\$18.01	324.49	\$31,65	\$36.58	534.5
		*****		• • • • •			• • • • •	
mulative Discounted								
mulative Discounted Total S Siton	\$10,217,215 \$52,10 Y		\$1.53					

	YEAR:	1995	2014
Weight Reduction Achieved (%)			
Recycling		2%	9%
Ban		0%	0%
Composting		0%	0%
WTE		17%	9%
TOTAL		0%	0%
Volume Reduction Achieved (%)			
Recycling		9%	0%
Ban		0%	D%
Сопровбир		0%	0%
WIE		0%	0%
TOTAL		0%	0%

Test validity and the second

The second secon

(a) the state of t

V. Transfer to St Landry ( WASTE TONNAGE	Year	1995	1996	2000	2005	2010	2013	2014
				· ·				
GENERATION	• •	·						
nem.		57,228 10,734	57,755 10,823	60,967 10,638	68,112 10,527	72,520 10,508	78,7 <u>52</u> - 10,498	78,27 10,49
Yard Waste Screege Shidge		3.851	1.858	1.825	.1.952	4.075	4.144	4,16
Amount Ungonomied for	_	3.585	3.621	3.798	4,093	4,457	4.719	4.80
Total Amount of Waste		75.401	76,057	78.285	34,525	91,570	96,142	अंग्रद
WTE Residual Ash / Composting Residual Pauedo-Total Waste Disposol	•	71,813	72,435	75,490	. 80,602	57,783	91,423	92,94
MANAGEMENT	•							
Amount Recycled		418	<b>, 421</b>	451	499	559	600	61
Assess Suched from Collection		44.505	0 14.581	0 14 <u>,523</u>	0 14,490	0 14.583	0 14,642	44.00
Amount Composted Amount to WTE		14,585	184,46 0	دعديه. 0	14,430 B	14,003	14,642	14,66
Amount Landfilled		55,810	: 57,335	60,516	65,613	71,950	78,181	77,66
Amount Unaccounted for		3,588	3.821	3,798	4.093	4,457	4.719	4,80
Total Waste Hanaged		71,812	65,816	71,682	. 76,509	\$2,635	d6,704	98.13
VASTE MANAGEMENT COSTS	····		··	·				
COLLECTION	,							
. MSW	Total \$ Siton	\$1,516,494 \$26,69	\$1,610,328 \$28,09	\$2,047,430 \$33,83	\$2,794,296 \$42,59	\$3,845,697 44,622	\$4,657,968 \$51,14	\$4,965, <u>2</u> 0 \$53.8
Yard Waste	Total S	\$353,530	2365.090	\$413,828	\$489,251	\$583,310	\$648,209	\$571,40
,	\$/100	\$32.96	\$33,73	\$38.90	\$45.48	355.51	\$81,75	\$83.6
Total Wasta Collection Cost				· ·				
	Total S - S/ton	\$1,270,325 \$27,69	51,575,419 222.98	\$2,461,259 \$34.59	\$1,281,55 <i>1</i> \$43,12	\$4,429,007 \$53.71	\$5,304,178 \$41,22	15,515,61 9,532
	200	\$27,69	*44.36	834.22	\$47.15	9944 1	*****	+07%
RECYCLING	Total S	£353.630	\$365,090	\$413,828	. \$489.251	2583,310	\$548,209	\$571,40
BSH	Simo	\$847.12	\$857,54	\$917.71	\$950.61	\$1,042.91	\$1,079,60	\$1,091.5
TRANSFER		•			•		٠,	
	Total \$	\$1,779,774	\$1,943,176	52,135,344	\$2,606,371	57,226,032	\$3,577,173	53,863,01
•	Siton	<b>331.33</b>	\$32_15	\$35.29	\$39.72	\$44.83	\$48 <u>.27</u>	\$49.4
COMPOSTING	-,							
MSW	Total S	\$0	\$0	\$0	\$0	\$0		. 2
Yard Waste	neste 2 lessoT	\$2.00 \$273,605	\$0.00 \$275.632	\$0.00 \$304,593	00.02 229.20 <i>2</i> 2	\$0.00 \$407,618	\$0.00 \$439,037	\$0.00 \$451,913
· ·	\$/fon	\$273,615	\$25,49	\$78.63	\$33.12	\$38.32	\$41.62	\$43,0
Studge	Total \$	\$98,369	\$98,539	5111,414	\$131,342	\$156,187	\$173,332	\$179,481
5	\$/00	\$25.54	525,54	52¥68	\$33,15	\$38.33	241,83	\$43.00
Total Wasta Composiing Cost	Total S	5271,974	55/4-3/4	840.3552	\$479,956	1558,105	\$612,769	\$631,37
	\$/100	\$25.50	\$25,50	\$78.64	S31.13	\$38.32	\$41.82	\$43.00
WASTE TO ENERGY								
	Total \$	\$0	50	\$0	, <b>\$</b> 0	\$0 \$0,00	\$0	
	\$/ton	\$0,00	\$0,00	\$0.00	<u>\$71.000</u>	\$21.00	20.00	\$0.00
LANDFILL		•		, <u> </u>				
	Total \$ \$/mn	\$1,263,278 \$77,24	. \$1,329,992 \$23,20	\$1,542,761 \$27,15	\$2,150,099 \$32,77	\$2,829,115 \$39,32	\$3,340,480 \$43,85	\$3,531,640 \$45,47
otal solid waste Management:								•
rancounted								*****
Total S Stron		\$5,639,180 \$78.53	\$5,288,047 \$85.58	\$7,069,201 \$98.61	\$3,009,284 \$117,75	\$11,626,270 \$140.69	\$12,584,410 \$3,6212	\$14,314,050 \$162,41
şton S per capita per annum		. 5/6.33 571.32	\$74,45	\$48.37	\$112.71	\$142.22	3185.06	\$173.30
\$ per household per month		\$17.53	\$18.61	. \$22.34	\$28.18	\$35.71	\$41 <u>.2</u> 7	\$43.33
mulative Discounted								
Total S S	86,391,879 \$56.11 Yı	<b></b>	\$0.53					
S per capita per annum	\$71.32	-						
	· ·	<del>:</del>		<u> </u>				
Weight Reduction Achieved (%)	YEAR:	1995	2014			,		

,	YEAR:	1995	2014
Weight Reduction Achieved (%)	•		
Recycling		1%	1%
Ban		0%	0%
Composting		19%	15%
WIE		0%	0%
TOTAL	•	20%	18%
Volume Reduction Achieved (%)		•	
Recycling		1%	1%
Ban		0%	<b>0%</b>
Composting		14%	10%
WTE		0%	0%
TOTAL	•	15%	11%

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Comment of the control of the contro

Stivary								
VI. Recycle, WTE for Rema	inder	•						
	ear ·	1995	1996	2000	2005	2010	2013	2014
GENERATION								
MSW		57 <u>,22</u> 8	<i>57.75</i> 8	60.967	65,112	72,520	76,782	78,279
Yard Waste		10,734	10,823	10,538	10,527	10,508	10,498	10,484
Sewana Sludge		3,851	3,858	3,885	3,962	4,075	4,144	4,167
Amount Unaccounted for		3,588	3,621	3,798	4,093	4,457_	4,719	4,808
Total Amount of Waste .		75,401	76,057	. 79,2K9	\$4,695	¥1,570	#6,142	97,749
WTE Residual Ash / Composting Residual		23,560	23,785	24.753	26,434	28,559	29,972	30,485
Pauedo-Total Waste Disposal		35,373	35,202	100,253	107,536	175,662	121,102	121,400
MANAGEMENT								
Amount Recycled		418	421	451	499	559	600	615
Amount Excluded from Collection		0	0	Ó	0	C.	Q	0
Amount Composted		9	0	0	0			0
Amount to WTE		71,395	72,016	75,039	80,103	85,543	90,823	92,326
Amount Lendilled		23,560	23,765	24,763	25,434	28,559	29,972	30,459
Amount Unaccounted for		3.588	3,621	3.798	4,093	4,467	4,719	4,808
Total Waste Managed		35,373	\$2,581	¥5,355	102,943	111,194	116,576	178,501
WASTE MANAGEMENT COSTS							<del></del>	<del></del>
COLLECTION		`						
MSW	Total 1		\$1,810,328	\$2,047,430	\$2,794,298	\$3,845,597	\$4,657,968	\$4,965,203
	\$/100		ಮ್	\$28,77	\$36.70	\$46.63	\$53.74	\$50.32
<ul> <li>Yard Waste</li> </ul>	Total \$ S/ion		. \$0 . \$0.00	\$0_00	. SO 20.03	\$0 \$0,00	\$0.0h	20.00 20
Total Waste Collection Cost	2/100	\$0.00	. \$0.00	\$0.00	\$0.00	\$0.00	SOTTE	MUUU
local waste Collection Cost	Total S	\$1,515,494	\$1,610,328	\$2,047,430	32.794.296	53,845,697	\$4,657,968	54.855520k
	\$700		\$23.63	\$28.77	\$36,70	\$46.63	\$53.74	\$58.32
	•							
RECYCLING						\$583,310	****	
пгм	7 <i>am</i> 3 S/ten	\$353,830 \$847,12	\$365,090 \$857.54	\$413,828 \$917.71	\$489,251 \$980,61	\$1,042.91	\$648,209 \$1,079.60	\$671,409 \$1,091,67
TRANSFER	Total S	\$2,064,858	\$2,138,365	\$2,482,705	\$3,036,230	\$3,764,422	\$4,294,578	\$4,489,465
	-S/ten	\$87.64	\$90.02	\$100.26	\$114,85	\$131.81	\$143.29	\$147,35
	, "	401.04	400.00	4.0040	*****	****	*******	4,
COMPOSTING	ī							
LSW .	Total S	SD -	30	30	20	20	\$25	\$0
Marr .	Siton	\$0.00	\$0.00	\$0.00	20,02	\$0.00	\$0.00	\$0,00
Yard Waste	Total \$	\$0	· 50	50	- \$0	30	02	. 50
	\$/ton	\$0.00	\$0.00	\$0,00	\$0.00	\$0.00	\$0.00	\$0.00
: Studge	Total 3	\$0	30	\$0	\$0	50	\$0	30
	S/ton	\$0,00	\$0.00	\$0.00	\$0.00	\$0.00	\$20.00	\$0,00
Total Waste Composting Cost								
•	Total \$ \$/ton	\$0.00	\$0.00	02 . 80.02	\$0 \$0,00	02.02. 00.02.	00.00 00.00	\$0.00
	*	•			***		_	
WASTE TO ENERGY					F7 700 704	60 455 000	***	A40 500 504
	Total S	\$5,499,328	\$5,572.287	38,507,380	\$7,700,791	\$9,165,229 \$105,90	\$10,157,527	\$10,500,561
	\$/100	\$77.03	\$78.78	\$86.72	\$96.14	2100,90	\$111.84	\$113,73
LANDFILL				` ;				
LANDRILL	Total \$	\$590,517	\$621,429	5763.555	\$992,041	\$1,294,577	\$1,520,538	\$1,604,635
	\$/ton	\$25.06	\$25,15	\$30.83	\$37.53	\$45.33	\$50.73	\$52.67
TOTAL SOLID WASTE MANAGEMENT O	ST <sup>2</sup> '				•			
indiscounted								
		\$10,025,028	\$10,408,499	\$12,214,898	\$15,012,619	\$18,653,235	\$21,276,519	\$22,231,273
Total \$		\$133,60	. \$151,25	\$170.38	\$156.22	\$225.73	\$245.42	<del>\$2\$2.25</del>
\$iton			\$111.37	\$121,53	\$161.53	\$199.09	\$776 12	\$235.02
\$ per expits per ennum		\$167.18				A 40 500	626 m	
\$ton \$ per capita per annum \$ per household per month		\$107.18 \$26.79	\$27.84	\$32.58	\$40,38	\$49,77	\$56.53	\$2.82\$
Ston \$ per espits per annum \$ per household per month Cumulative Discounted	204 450		\$27.84	\$32,58		\$49.77	\$56.53	<b>82.828</b>
ston \$ per expits per arrum \$ per expits per arrum \$ per household per month Cumulative Discounted	,334,159 594.40			\$32.58		\$49.77	\$56.53	\$\$8.93

YEAR	1995	2014
		1%
	0%	0%
	0%	0%
		63%
•	64%	64%
	1%	1%
	0%	0%
		0%
		80%
	79%	80%
		1% 0% 0% 03% 64% 1% 0% 0%

#### REGIONAL SOLID WASTE MANAGEMENT SYSTEM ANALYSIS REQUIRED DATA

Question 1) List the parishes to be included in the regional study area.

ACADIA
EVANGELINE
IBERIA
LAFAYETTE
ST. LANDRY
ST. MARTIN
ST. MARY
VERMILION

ST MARY PARISH

Question 2) In addition to the parishes listed in Question #1, list the incorporated cities that should be analyzed separately within the planning district?

CITY OF LAFAYETTE

erical property ( )

#### ST. MARY PARISH

Question 3) Population projections - Please provide population projections.

#### ST. MARY PARISH

Year	1990	1995	2000	2005	2010	2015
Households	19,456	19,146	19,316	19,700	20,260	20,835*
Population	58,086	57,440	57,950	59,100	60,780	62,507±±

Source: PostCensal Population Projections to 2010, Michael D. Irwin, Louisiana State University, June, 1964.

\*The population projection for the year 2015 is a straight line projection from the year, 2010.

\*\*Household projections were computed from the persons per household in 1990 with 3.0 person per household. No change between 1990 and 2015.

#### ST. MARY PARISH

Question 4) Please provide either the number of households or persons per household for each area where the population is projected.

#### ST. MARY PARISH

Year	1990	1995	2000	2005	2010	2015
Households						20,835=
Population	58,086	57,440	57,950	59,100	60,780	62,507≄≄

Source: PostCensal Population Projections to 2010, Michael D. Irwin, Louisiana State University, June, 1964.

\*The population projection for the year 2015 is a straight line projection from the year 2010.

\*\*Household projections were computed from the persons per household in 1990 with 3.0 person per household. No change between 1990 and 2015.

5

Question 5) What is the current residential waste generation rate and the commercial waste-

generation rate?

1.2 - 1.5 tons per household per year

Tonnage for July 1994 through June 1995

St. Mary Parish 6 408.18
Franklin 4,167.44
Patterson 2,606.24
Berwick 2,284.19

Tonnage for July 1993 through June 1994

 St. Mary Parish
 5,591.6

 Franklin
 4,490.6

 Patterson
 2,863.6

 Berwick
 2,435.2

1.475 lbs/cap.day

does this include

commercial

waste? If not

default will be

ليهاه

Use Default Values since waste generation figures for commercial and residential are not isolated.

Source: Tonnage figures from Waste Management
Default Values for waste generation in
for residential and commercial in urban
and rural areas seemed to be in line
according to Mr. Henry "Bo" LaGrange,
Director of Planning for St. Mary Parish.

Question 6) What is the current and historic residential waste disposal rate and the commercial waste disposal rate?

See enclosed solid waste analysis reports for St. Mary Parish from 6/30/91 through 6/30/95.

Note: The increased tonnage from 7/1/92 thru 6/30/93 was due to Hurricane Andrew.

## ST. MARY PARISH GOVERNMENT

#### ORAY ROGERS, PRESIDENT

FIFTH FLOOR - COURTHOUSE

FRANKLIN, LOUISIANA 70538 - 6198

SOLID WASTE ANALYSIS 7-1-94 THRU 6-30-95

S

CONNIE M. FOURNET CHIEF ADMINISTRATIVE OFFICER

DIRECTOR OF FINANCE SUE CARTER

DIRECTOR OF PUBLIC WORKS

EXU;

DIRECTOR OF PERSONNEL TAMMY CHARPENTIER

DIRECTOR OF PLANNING HENRY "BO" LAGRANGE

FRANKLIN AREA (318) 825-4100 MORGAN CITY AREA (504) 385-2520 JEANERETTE AREA (318) 275-3869 FAX (318) 828-4092

OFFICE HOURS 8:00 A. M. TO 12:00 P. M. 1:00 P. M. TO 4:30 P. M. OPERATION & MAINTENANCE COSTS

DEPRECIATION

TOTAL ANNUAL COST

O & M COST BALANCE

DIVIDE ANNUAL TONNAGE

\$1,065,963.65 <u>430.725.00</u>

\$1,496,688.63

67,647.55 TONS

COST PER TON = \$22.12/TON \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

OPERATION & MAINTENANCE COSTS \$1,496,688.63 LESS: REVENUES, OUTSIDE PARISH

(44,251.08)

COMMERCIAL TONS (1,613.87 TONS)

95 430,654.

DIVIDE O & M COST BALANCE BY YEARLY TONNAGE BALANCE 267,647.55 TONS - 1,613.87 TONS = 66,033.68 TONS.  $$1,430,654.95 \div 66,033.68 \text{ TONS} = $21.67/\text{TON}.$ 

\*

O & M COSTS

LESS: COMM. REVENUES

\$1,496,688.63 <u>(733.086.42)</u>

\$ 763,602.21 ÷ 37,637.27 TONS & M COST BALANCE \$20.29/TON. (RESIDENTIAL, HOUSEHOLD, MUNICIPALITIES & PARISH)  $0 \& M COST BALANCE $763,602.21 \div 25,927.27 TONS = 29.45/TON.$ (RESIDENTIAL, MUNICIPALITIES & PARISH)

0 & M COST BALANCE \$763,602.21 + 67,647.55 TONS = 11.28/TON.(TOTAL ANNUAL TONNAGE)

 $0 \& M COST BALANCE $763,602.21 \div 55,937.55 TONS = 13.65/TON.$ (TOATL ANNUAL TONNAGE, COMMERCIAL & RESIDENTIAL, LESS HH) \*\*\*\*\*\*\*\*\*\*\*\*\*\*

COMMERCIAL REVENUE WEEKDAY/INSIDE COMMERCIAL REVENUE WEEKEND/INSIDE COMMERCIAL REVENUE WEEKDAY/OUTSIDE COMMERCIAL REVENUE WEEKEND/OUTSIDE TOTAL COMMERCIAL TONNAGE & REVENUE

26,611.20 \$641,036.77 47,798.57 1,785.21 43,913.90 1,601.66 337.18 <del>-12.2</del>1 30,010.28 733,086.42

REVENUES

TONS

RESIDENTIAL/HOUSEHOLD-ST. MARY AND MUNICIPALITIES HOUSEHOLD \*

23,927,27 560,614.86 .710.00 -0-

TOTAL

67.647.55 \$1,293.701.28

Estimated Household Tonnage increased by 2,590 Tons. \*Note: Due to new trucking contract, equipment rental de-Note:

creased by \$80,000.00.

## ST. MARY PARISH GOVERNMENT

#### ORAY ROGERS. PRESIDENT

FIFTH FLOOR - COURTHOUSE

FRANKLIN, LOUISIANA 70538 - 6198



CONNIE M. FOURNET CHIEF ADMINISTRATIVE OFFICER

SOLID WASTE ANALYSIS 7-1-93 THRU 6-30-94

DIRECTOR OF FINANCE SUE CARTER

EX

OPERATION & MAINTENANCE COSTS

\$1,559,775.00

REVENUES, OUTSIDE LESS:

(36,111.70)

COMMERCIAL TONS (1,435.09 TONS)

DIRECTOR OF PUBLIC WORKS

O & M COST BALANCE

\$1,523,663.30

DIRECTOR OF PERSONNEL TAMMY C. MIGUES

DIRECTOR OF PLANNING DERHYL HEBERT

FRANKLIN AREA (318) 828-4100 MORGAN CITY AREA (504) 385-2520 JEANERETTE AREA (318) 276-3869

FAX (318) 828-4092 OFFICE HOURS 8:00 A. M. TO 12:00 P. M. 1:00 P. M. TO 4:30 P. M. DIVIDE O & M COST BALANCE BY YEARLY TONNAGE BALANCE 69,248.25 TONS - 1,435.09 TONS = 67,813.16 TONS. $$1,523,663.30 \div 67,813.16 \text{ TONS} = $22.47/\text{TON}.$ 

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

O & M COSTS LESS: COMM. REVENUES \$1,559,775.00

(577,987,10)

981,787.90 ÷ 39,747.48 TONS = O & M COST BALANCE \$24.70/TON. (RESIDENTIAL, HOUSEHOLD, MUNICIPALITIES & PARISH) O & M COST BALANCE \$981,787.90 : 30,627.48 TONS = 32.06/TON. (RESIDENTIAL, MUNICIPALITIES & PARISH)

 $0 \& M COST BALANCE $981,787.90 \div 69,248.25 TONS = 14.18/TON.$ (TOTAL ANNUAL TONNAGE)

O & M COST BALANCE \$981,787.90 # 60,128.25 TONS = 16.33/TON. (TOATL ANNUAL TONNAGE, COMMERCIAL & RESIDENTIAL, LESS HH)

\*\*\*\*\*\*\*\*\*\*\*\* TONS COMMERCIAL REVENUE WEEKDAY/INSIDE 26,340.16 1,725.52 COMMERCIAL REVENUE WEEKEND/INSIDE

COMMERCIAL REVENUE WEEKDAY/OUTSIDE COMMERCIAL REVENUE WEEKEND/OUTSIDE

TOTAL COMMERCIAL TONNAGE & REVENUE

1,401.59 35,039.70 <u>33.50</u> 1,072.00 29,500.77 \$ 577,987.10

RESIDENTIAL/HOUSEHOLD-ST. MARY AND MUNICIPALITIES

HOUSEHOLD

30,627.48 \$ 581,922.12 9,120.00 -0-

REVENUES

\$500,463.04

41,412.36

TOTAL

69.248.25 \$1.159.909.

# ST. MARY PARISH GOVERNMENT

#### ORAY ROGERS, PRESIDENT

FIFTH FLOOR - COURTHOUSE

FRANKLIN, LOUISIANA 70538 - 6198

SOLID WASTE ANALYSIS 7-1-92 THRU 6-30-93

CONNIE M. FOURNET CHIEF ADMINISTRATIVE OFFICER

DIRECTOR OF FINANCE SUE CARTER

OPERATION & MAINTENANCE COSTS DEPRECIATION TOTAL ANNUAL COST -DIVIDE ANNUAL TONNAGE

\$1,069,914.85 203,193.00 \$1,273,107.85 75,959.00 TONS

EX

COST PER TON = \$16.76/TON

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DIRECTOR OF PUBLIC WORKS

OPERATION & MAINTENANCE COSTS LESS: REVENUES, OUTSIDE PARISH

\$1,273,107.85 (38,503.19)

COMMERCIAL TONS (1,539.10 TONS)

DIRECTOR OF PERSONNEL TAMMY C. MIGUES

PKU

O & M COST BALANCE

\$1,234,604.66

DIRECTOR OF PLANNING DERHYL HEBERT

FRANKLIN AREA (318) 828-4100 MORGAN CITY AREA (504) 385-2520 JEANERETTE AREA (318) 276-3859 FAX (318) 828-4092

OFFICE HOURS 8:00 A, M. TO 12:00 P. M. 1:00 P. M. TO 4:30 P. M.

DIVIDE O & M COST BALANCE BY YEARLY TONNAGE BALANCE 75,959.00 TONS - 1,539.10 TONS = 74,419.90 TONS. $$1,234,604.66 \div 74,419.90 \text{ TONS} = $16.59/\text{TON}.$ \*

\$1,273,107.85 O & M COSTS (518,503,44)LESS: COMM. REVENUES & M COST BALANCE \$ 754,604.41 = 48,935.52 \$15.42/TON. (RESIDENTIAL, HOUSEHOLD, MUNICIPALITIES & PARISH) O & M COST BALANCE \$754,604.41 = 39,815.52 TONS = 18.95/TON. (RESIDENTIAL, MUNICIPALITIES & PARISH) 0 & M COST BALANCE \$754,604.41 # 75,959.00 TONS = (TOTAL ANNUAL TONNAGE)  $0 \ge M \text{ COST BALANCE } $754,604.41 \div 66,839.00 \text{ TONS} = 11.29/\text{TON}.$ (TOATL ANNUAL TONNAGE, COMMERCIAL & RESIDENTIAL, LESS HH) 

TONS COMMERCIAL REVENUE WEEKDAY/INSIDE 24,724.96 COMMERCIAL REVENUE WEEKEND/INSIDE 759.42 COMMERCIAL REVENUE WEEKDAY/OUTSIDE COMMERCIAL REVENUE WEEKEND/OUTSIDE TOTAL COMMERCIAL TONNAGE & REVENUE

38,385.75 1,535.43 3<u>.67</u> 117.44 27,023.48 \$ 526,503.51

RESIDENTIAL/HOUSEHOLD-ST. MARY AND MUNICIPALITIES HOUSEHOLD

756,494.88 39.815.52 \$ 9,120.00 -0-

REVENUES

\$469,774.24

18,226.08

TOTAL

## ST. MARY PARISH GOVERNMENT

#### ORAY ROGERS, PRESIDENT

FIFTH FLOOR - COURTHOUSE FRANKLIN, LOUISIANA 70538 - 6198

CONNIE M. FOURNET CHIEF ADMINISTRATIVE OFFICER

SOLID WASTE ANALYSIS 7-1-91 THRU 6-30-92

**P** 

DIRECTOR OF FINANCE SUE CARTER

OPERATION & MAINTENANCE COSTS DEPRECIATION TOTAL ANNUAL COST DIVIDE ANNUAL TONNAGE

\$1,099,966.56 177,085.00 \$1,277,051.56 70,020.23 TONS

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DIRECTOR OF PUBLIC WORKS

COST PER TON = \$18.24/TON \*\*\*\*\*\*\*\*\*\*\*\*

OPERATION & MAINTENANCE COSTS

REVENUES, OUTSIDE PARISH

COMMERCIAL TONS (2,337.94 TONS)

\$1,277,051.56 (58,448.50)

DIRECTOR OF PERSONNEL

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TAMMY C. MIGUES

O & M COST BALANCE

\$1,218,603.06

PA

DIRECTOR OF PLANNING DERHYL HEBERT

FRANKLIN AREA (318) 828-4100 MORGAN CITY AREA (504) 385-2520 JEANERETTE AREA (318) 276-3859 FAX (318) 828-4092

OFFICE HOURS 8:00 A. M. TO 12:00 P. M. 1:00 P. M. TO 4:30 P. M. "DIVIDE O & M COST BALANCE BY YEARLY TONNAGE BALANCE 70,020.23 TONS - 2,337.94 TONS = 67,682.80 TONS.  $$1,218,603.06 \pm 67,682.80 \text{ TONS} = $18.00/TON.$ \*\*\*\*\*\*\*\*\*\*\*

O & M COSTS \$1,277,051.56 LESS: COMM. REVENUES (559,409,66)

O & M COST BALANCE \$ 717,641.90 = 41,393.55 TONS \$17.34/TON. (RESIDENTIAL, HOUSEHOLD, MUNICIPALITIES & PARISH) O & M COST BALANCE \$717,641.90 : 32,273.55 TONS = 22.24/TON. (RESIDENTIAL, MUNICIPALITIES & PARISH) 0 & M COST BALANCE \$717,641.90 ; 70,020.23 TONS = 10.25/TON. (TOTAL ANNUAL TONNAGE)

 $0 \& M COST BALANCE $717,641.90 \ \div 60,900.23 TONS = 11.78/TON.$ (TOATL ANNUAL TONNAGE, COMMERCIAL & RESIDENTIAL, LESS HH) \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

COMMERCIAL REVENUE WEEKDAY/INSIDE COMMERCIAL REVENUE WEEKEND/INSIDE COMMERCIAL REVENUE WEEKDAY/OUTSIDE COMMERCIAL REVENUE WEEKEND/OUTSIDE TOTAL COMMERCIAL TONNAGE & REVENUE

REVENUES TONS 25,993.72 \$493,880.00 295.02 7,080.48 2,337.94 58,448.50 ---0----0-28,626.68 \$ 559,409.66

RESIDENTIAL/HOUSEHOLD-ST. MARY AND MUNICIPALITIES HOUSEHOLD

9.120.00 -0-

613,197,45

32,273.55 \$

TOTAL

<u>70,020.23 \$1,172,607.11</u>

## ST. MARY PARISH GOVERNMENT

#### ORAY ROGERS, PRESIDENT

FIFTH FLOOR - COURTHOUSE

FRANKLIN, LOUISIANA 70538 - 6198



CONNIE M. FOURNET CHIEF ADMINISTRATIVE OFFICER SOLID WASTE ANALYSIS 7-1-90 THRU 6-30-91

DIRECTOR OF FINANCE SUE CARTER

OPERATION & MAINTENANCE COSTS DEPRECIATION TOTAL ANNUAL COST DIVIDE ANNUAL TONNAGE

\$1,128,144.63 158,483.00 \$1,286,627.63 66,847.49 TONS

EXU

DIRECTOR OF PUBLIC WORKS

COST PER TON = \$19.24/TON \*

DIRECTOR OF PERSONNEL TAMMY C. MIGUES

OPERATION & MAINTENANCE COSTS LESS:

REVENUES, OUTSIDE PARISH COMMERCIAL TONS (986.17 TONS)

\$1,286,627.63 (24,053.95)

O & M COST/BALANCE

\$1,262,573.68

DIRECTOR OF PLANNING DEPHYL HEBERT

FRANKLIN AREA (318) 828-4100 MORGAN CITY AREA (504) 385-2520 JEANERETTE AREA (318) 276-3869 FAX (318) 828-4092

OFFICE HOURS 8:00 A. M. TO 12:00 P. M. 1:00 P. M. TO 4:30 P. M. DIVIDE O & M COST BALANCE BY YEARLY TONNAGE BALANCE 66,847.49 TONS - 986.17 TONS = 65,861.32 TONS. $$1,262,573.68 \neq 65,861.32 \text{ TONS} = $19.17/TON.$ 

\*

\$1,286,627.63 O & M COSTS (526.423.75) LESS: COMM. REVENUES & M COST BALANCE

760,203.88 # 39,558.62 TONS = \$19.22/TON. (RESIDENTIAL, HOUSEHOLD, MUNICIPALITIES & PARISH) O & M COST BALANCE \$760,203.88 : 30,438.62 TONS = 24.97/TON. (RESIDENTIAL, MUNICIPALITIES & PARISH)

 $0 \le M \text{ COST BALANCE } $760,203.88 \ \div 66,847.49 \ \text{TONS} = 11.37/\text{TON}.$ (TOTAL ANNUAL TONNAGE)

 $0 \& M COST BALANCE $760,203.88 \div 57,727.49 TONS = 13.17/TON.$ (TOATL ANNUAL TONNAGE, COMMERCIAL & RESIDENTIAL, LESS HH) \*

COMMERCIAL REVENUE WEEKDAY/INSIDE COMMERCIAL REVENUE WEEKEND/INSIDE COMMERCIAL REVENUE WEEKDAY/OUTSIDE COMMERCIAL REVENUE WEEKEND/OUTSIDE TOTAL COMMERCIAL TONNAGE & REVENUE

TONS REVENUES 25,979.00 \$493,601.00 323.70 7,768.80 929.07 23,226.75 1.827.20 <u>57.10</u> 27,288.87 \$ 526,423.75

RESIDENTIAL/HOUSEHOLD-ST. MARY AND MUNICIPALITIES HOUSEHOLD

578,333.78 30,438.62 \$ -0-9.120.00

TOTAL

66.847.49 \$1.104.757.53

Question 7) Waste composition by weight and volume - What is the waste composition by weight and volume?

Waste composition by weight and volume not recorded in St. Mary Parish. Use default values. Henry "Bo" LaGrange, Director of Planning, St. Mary Parish

#### Default Values:

#### Residential Waste composition by weight (generated)

paper	35.0%
glass	6.0%
ferrous metals	5.4%
aluminum	1.4%
plastic .	8.6%
yard waste	23.4%
other	20.2%

#### Residential Waste composition by volume (generated)

paper 33.6% glass 2.0% ferrous metals 7.3% aluminum 2.8% plastic 18.7% yard waste 17.6% other 18.7%

#### Commercial Waste composition by weight (generated)

paper 34.4% glass 5.1% ferrous metals 0.7% aluminum 1.8% plastic 7.6% yard waste 4.5% other 46.0%

#### Commercial Waste composition by volume (generated)

paper 32.6% glass 1.7% ferrous metals 0.9% aluminum 3.6% plastic 15.8% yard waste 0.42.1%

Question 8) What is the current sewage sludge generation rate, disposal rate, disposal method, and disposal cost?

Morgan City disposes wet sludge in the landfill.

(0,93)

Franklin disposes periodically. Drying beds and sometimes goes six months then bring it in.

\$22.50 per ton.

Source: Henry "Bo" LaGrange, Director of Planning, St. Mary Parish.

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Question 9) Yard waste generation rates - What is the yard waste generation and disposal rate?

Yard waste generation rates and disposal rate not known in St. Mary Parish Use default values.

•	Residential	Commercial			
Urban	23.8%	5%			
Rura1	15.0%	5%			

Henry "Bo" LaGrange, Director of Planning, St. Mary Parish.

#### Question 10) Collection and Disposal Cost -

Waste Management collects in the City of Franklin and St. Mary Parish.

Berwick collects their own.

Patterson collects their own.

Morgan City hauls in.

Baldwin hauls in.

Disposal \$2.25 per household per month.

Collection is twice per week at \$5,00 per household.

Charge to citizens is \$6.50 per month Cost to St. Mary Parish is \$7.50 per month

3/4 of 1% sales tax used for solid waste.

WMI collects 1.5 tons per household per year Tipping fee is \$23.50 per ton.

Source: Henry "Bo" LaGrange, Director of Planning, St. Mary Parish.

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#### SOLID WASTE COLLECTION AND DISPOSAL, REVENUES AND EXPENSES MAY, 1993

	UNINCORPORATE ST. MARY PARI	<b>-</b>	CITY OF IY FRANKLIN	CITY OF PATTERSON	TOWN OF BERWICK	TOWN OF BALDWIN
No. of Households	7,463	4,783	3,313	1,673	1,637	800
Type of Collection	Private Side-Load	Public Automated	Private Rédr-Load	Private Rear-Load	Private Rear-Load	Public Rear-Load
Monthly Solid Waste Collection Fee per Household	\$6.50	\$6 <b>.</b> 00	\$6.50	\$5.50	\$6.00	\$5.00
Yearly Solid Waste Revenues from Households	\$582,114	\$344,376	\$258,414	\$110,418	\$117,864	\$48,000
Monthly Solid Waste Collection & Disposal Expenses per Household	\$7.02 <sup>(*</sup>	\$7.00 <del>:</del> -	\$5.50 Co \$19.90/Ton	1. \$7.45 Dis.	\$7.39	7.00-8.00
Yearly Solid Waste Collection & Disposa Expenses	il \$628,683		218,658 Col. 76,798 Dis.	\$149,566	\$145,169	\$72,000

# WEST END PEGK-UPP STATION O & M COSTS WS. TONS COLLECTED

1993 0 & M BUDGET	\$243,815	199	3	Tonnage	E	stima	ted	16,	000	\$15:24/Ton
1993 Equipment Purchases	\$108,000	H (	17	tt	17	17	n	tT	n	\$ 6.75/Ton
Total 1993 Budget	\$351,815			-						\$21.99/Ton

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#### ST. MARY PARISH

Question 11) Recycling Programs - What type of recycling program is in effect or planned? What amount of material is being diverted as a result of the recycling program (either by weight or volume)? What is the cost of the recycling program? What year did will the recycling program begin? How many years until the recycling program is expected to achieve its peak diversion rate? What is the maximum anticipated diversion rate? What is the residual rate from the recycling program?

St. Mary Parish has drop-off stations for recycling. Morgan City has two and can drop off at the landfill. Berwick has curbside service and picked up by city workers.

The program is about two years old since it started in 1993 and limited materials are accepted.

Use Default Values: Henry "Bo" LaGrange, Director of Planning, St. Mary Parish.

Default Values: Program Type - Curbside Recycling

Current Diversion Rate - 0%

Program Cost - \$1.54 per household per month

Program Initiated - 1995 Residual Rate - 0%

Maximum Expected Diversion Rate - see tables below

#### RESIDENTIAL RATES

Paper and Paperboard	12.58%
Glass	11.64%
Ferrous Metals	4.77%
Aluminum	6.08%
Plastic	6.48%
Yard Waste	0%
Other	0%

#### COMMERCIAL RATES

Paper and Paperboard	0%
Glass	0%
Ferrous Metals	0%
Aluminum	` 0%
Plastic	0%
Yard Waste	0%
Other	0%

Question 12) <u>Composting Programs</u> - What type of composting program is in effect or planned? What amount of material is being diverted as a result of the composting program (either by weight or volume)? What is the cost of the composting program? What year did will the composting program begin? How many years until the composting program is expected to achieve its peak diversion rate? What is the maximum anticipated diversion rate? What is the residual rate from the composting program?

A yard waste composting program is planned. It will be a drop-off type situation and will not be the typical diversion rate. Will be at the landfill site in Berwick.

Source: Henry "Bo" LaGrange, Director of Planning St. Mary Parish.

Question 13) <u>Landfill Cost</u> - Please provide the current and projected landfill cost either in dollars per ton or dollars per cubic yard for the following: a) residential waste; b) commercial waste; and c) sludge.

St. Mary Parish divides the operation and maintenance cost by yearly tonnage balance which averages out to \$21.67 per ton. Tipping fees same for residential and commercial.

Note: The landfill is scheduled to close in August, 1966.

The Parish will request an extension as they still have a little capacity left.

Source: Henry "Bo" LaGrange, Director of Planning, St. Mary Parish.

Question 14) <u>Transfer Cost</u> - Please provide the current and projected transfer cost either in dollars per ton or dollars per cubic yard for the following: a) residential waste; b) commercial waste; and c) sludge.

Use Default Values

LDEQ-EDMS Document 36293850, Page 208 of 476

Henry "Bo" LaGrange, Director of Planning, St. Mary Parish.

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Question 15) <u>Description of Scenarios</u> Following is a list of the integrated solid waste management scenarios that will be used as part of the standard local and regional analysis. If any of these scenarios are clearly inappropriate for in your region, please note and give an explanation why you do not want the scenario analyzed.

Not Inappropriate

# Exhibit 22 St. Mary Parish Solid Waste Ordinances

LDEQ-EDMS Document 36293850, Page 211 of 476

#### ORDINANCE NO. 799

An Ordinance authorizing and directing the planning, establishment, maintenance and operation of comprehensive solid waste management of system; the establishment and enforcement of necessary and proper regulations for the management of solid waste; the establishment and collection of solid waste management service charges; and for other purposes.

BE IT HEREBY ORDAINED by the Rolica Jury of St. Mary Parish;

### SECTION 1. SHORT TITLE

This ordinance shall be known and may be cited as the Solid
Waste Management Ordinance of St. Mary Parish, Louisiana (St. Mary
Shall herein after be called Parish)

#### SECTION 2. DECLARATION OF POLICY.

It is hereby declared to be the purpose of this ordinance to regulate the storage, collection, transport, processing, recovery and disposal of solid waste in order to protect the public safety, health and welfare and to enhance the environment of the people of St. Mary Parish, Louisiana.

#### . SECTION 3. DEFINITIONS .

For the purposes of this ordinance, the following words and phrases shall have the meaning given herein unless their use in the text of the ordinance clearly demonstrates a different meaning.

"Abandoned Vehicle"— A Vehicle that applicable State laws deem to have been abandoned.

"Agricultural Solid Waste" - All organic waste products that are generated from farm production operations of field crops, orchards and animals.

"Bulky Waste" - Non-Putrescible household, institutional and

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light commercial waste products such as discarded furnitur appliances, vehicle tires and other components, bicycles, metal and fiber cable and rope, large crates and packing boxes, Targe parts of trees and other similar items whose large size, density, weight or special shape precludes. restricts or otherwise complicates their handling by conve tional compactor type refuse collection vehicles, processi or disposal methods.

which may in the section of the sect istorage point at the source of generation and the source of generation

Collection Service" - Appublic or private operation engaged in the collection and transportation office hid wast and the professional control of the command of the comment of the

Commercial Solid Wasters Solid Waster generated by a state of the Solid stores, single offices, multiple-office complexes, sinstitution grange who hashed to be with hotels, motels, cafeterias, restaurants and other activities and remission and a production this define in the trade mot actually turn out as production this define in in also applicable to places of restdence having three or more dwelling units such as apartment buildings and mobile home courts.

> "Composting" - The process of biochemcial degradation organic waste under controlled conditions.

"Dead Animals" - Animals that have died from any caus except those slaughtered for human consmuption.

"Disposal" - The orderly process of discarding useles unwanted material in a beneficial or non-harmful manner.

"Disposal System" - The means by which the disposal c solid waste material is accomplished.

"Disposal Facilities" - The Physical components or th disposal system, such as transfer conveyances, transfer stations, processing plants and landfills.

"Dump" - A land site where solid waste is disposed of a manner that does not protect the environment.

"Garbage" - All normal and usual household and tional waste products that are placed in approved contains for collection

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purposes and are usually composed of a mixture of putrescible, non-putrescible, combustible and incombustible materials, such as organic wastes from food preparation and consumption, wrapping and packaging materials, metal, glass and plastic containers and other items. This definition also applies to similar waste products from commercial establishments such as restaurants, cafeterias, schools, hospitals and places of residence having three or more dwelling units.

"Generation" - The act or process of producing solid waste.

"Mazardous Waste" - Those wastes such as toxic, radioactive or pathogenic substances which require special handling to avoid illness or injury to persons or damage to property, including but not limited to petroleum wastes; paints; plastics explosives; asbestos fibers; pathogenic wastes from hospitals, sanatariums, nursing homes, clinics and veterinary hospital; offal and vegatable wastes; and the like which, by virtue or their particular composition and inherent dangers, require handling and disposal methods different from those used for other waste material. In the way of further explanation, "hazardous waste" is solid waste that may, by itself or in combination with other solid waste, be infectious, explosive, poisonous, caustic or toxic or otherwise dangerous of injurious to humans, plant or animal life. (Household solid waste normally contains some hazardous materials, but because such materials are usually present in very small quantities, their safe disposal either in an approved landfill or incinerator presents no special problem. Therefore, household waste in not considered to be "hazardous waste" as used in this Ordinance.)

"Household Solid Waste" - All solid waste that normally originates in a residential environment. This definition is applicable
to the solid waste from a place of residence with one or two dwelling
units. Solid Waste from a place of residence having three or more
dwelling units is defined as Commercial Solid Waste.

"Incinerator" - A furnace designed for the volume reduction of solid waste by burning in a fire box with proper controls and

temperature range with stack emissions which do not exceed any air pollution control limits established by local, State or Federal laws and regulations.

"Industrial Solid Waste" - All solid waste products except
hazardous wastes, resulting from industrial operations, both
onshore and offshore, public and private, and including demolition,
construction, fabrication, process, street and alley and miscellaneous
waste. This definition also includes demittion and construction
wastes generated in a residential and commercial environment

"Institutional Solid Waste" - Solid waste originating from educational, health care and research facilities such as schools, hospitals, nursing homes, laboratories and similar establishments.

"Land filling" - A method of disposing of solid waste on land, without creating nuisances or hazards to public health, by utilizing the principles of engineering to confine the solid wastes to the; smallest practical area, to reduce the solid wastes to the smallest practical volume and to cover such wastes with earth, all in a proposed by the State Department of Health.

"Landfill" - A deposit of milled (or shredded) waste materials and/or nonshredded waste materials which is placed at a selected and prepared site in manner described under the term "Landfilling".

"Littering" - The casting, depositing, dropping, scattering.

Sweeping or leaving, or causing of any such acts: of any waste matter

of any kind, on any private or public, water or land premises, in

other than appropriate storage containers or areas designated for

such purposes.

"Natural Resources" - Materials which have useful physical or chemical properties which exist, unused, in nature.

"Non-putrescible Solid Maste" - Solid Maste materials that <u>do not</u> contain organic matter that is subject to rapid decomposition by fungi and pacteria.

"Milling (or Shredding) Process" - A mechanical process in which the as-collected garbage and rubbish is shredded or ground into small pieces. Puring the process, glass objects are shattered.

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metal cans are cut and flattened and putrescible materials are dispersed and distributed throughout the mixture, thereby creating a conglomerate mass having a minimum of voids (which permits higher compacted densities in the landfill, thereby reducing the space requirements), a food value too low for rodents to survive and which is unattractive to flies and will not support internal combustion in the landfill.

"Offal Waste" - Waste animal (land or marine) matter from establishments such as butcher shops, slaughter houses, food processing and packing plants, rendering plants, and fartilizer plants.

"Open Burning" - Any fire or smoke producing process not conducted in a boiler plant, furnace, high temperature processing unit, incinerator or flame, or in any such equipment primarily designed for the combustion of fuel or waste material which is not approved by the State Department of Health.

"Opening Dumping" - The depositing of solid wasta into a body or stream of water or unto the surface of the ground at a location which is not designed or operated to guard against environmental pollution, has inadequate or nomanagement, and may have associated with it such problems as vector breeding, fires, air pollution, water pollution, odors, unsightliness, waste land, nuisances, disease and accident potentials, and which is not approved by the State Department of Health.

"Person" - Any individual, partnership, co-partnership, firm, company, public or private corporation, association, joint stock company, trust, estate or any other legal representative, agent or assigns.

"Pollution" - The condition caused by the presence in the environment of substances of such character and in such quantities that the quality of the environment is impaired or rendered offensive to life

"Processing" - Any method, system, or other treatment designed to change the physical form or chemcial content of solic waste.

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"Putrescible Solid Waste" - Solid Waste materials containing organic matter that is subject to rapid decomposition by fungi and bacteria, such as food wastes and dead animals.

"Resource Recovery" - The process of obtaining material or energy resources from solid waste. Synonyms:Extraction, reclamation, salvage.

"Rubbish" - A mixture of small, non-putrescible household, institutional and commercial waste products containing a high percentage of combustible materials such as paper, cardboard, plastic wood scrap, foliage, grass and leaves, and including noncombustibles such as glass, crockery, cans and light scrap metals. Synonym:

"Recycling" - The process by which recovered resources are transformed into new products in such a manner that the original products lose their identity.

"Rendering" - A process of recovering fatty substances from animal parts by heat treatment, extraction, and distillation.

"Salvaging" - The controlled removal-of material from a solid waste storage, transfer, processing of disposal site for authorized reuse or recycling.

"Scavenging" - The uncontrolled removal of material from a solid waste storage, transfer, processing or disposal site.

"Scrap" - Discarded or rejected material or parts of material that result from manufacturing operations and are suitable for reprocessing or recycling.

"Sewage Treatment Residue" - Coarse screenings, grit, scum and sludge from sewage treatment plants and pumpings from cess-pools, spetic tanks or grease traps.

"Separation" - The systematic division of solid waste into designated components.

"Solid Haste" - Useless, unwanted or discarded materials with insufficient liquid content to be freeflowing, that results from domestic, industrial, commercial, agricultural, governmental and community operations which require proper storage, collection

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transportation and disposal to prevent environmental pollution inimical to public health, safety and welfare. Solid Waste does not include sewage, earth or material used to fill land in accordance with construction codes, mining residues, slag, dissolved or suspended solids in industrial waste water effluents which are not acceptable for disposal in sanitary sewage treatment system.

"Solid Waste Management" - The purposeful, systematic control of the storage, collection, transport, separation, processing, recovery and disposal of solid-waste.

"Solid Waste Management System" - The entire process of storage, collection, transportation, processing and disposal of solid waste by any person engaging in such process as a business or by any municipality, authority, parish or any combination thereof.

"Solid Wasta Storage" - The handling and holding of solid waste,
in an approved manner, near the point of generation pending collection.

"Solid Waste Transportation" - The conveying of solid waste from one place to another by means of a vehicle, rail car, watervessel, conveyor or other means.

"Stable Refuse" - The body waste of animal and fowl, and cleanings, and waste food stuffs from all barns, stables, corrals, or pens used for stabling, caging or penning of animals or fowl.

"Transfer Station" - A site which solid waste is assembled and temporarily deposited after collection and from which it is transported to a different location for processing and/or disposal.

"Vector (of Disease)" - An animal or insect which transmits infectious diseases from one person or animal to another by biting the skin or mucous membrane or by depositing infective material on the skin or food or on another object.

"Vegetable Waste" - Putrescible solid waste resulting from the processing of plants for food by commercial establishments such as canneries. This definition does not include waste products resulting from the preparation and consumption of food in places such as cafeterias and restaurants.

SECTION 4. RESPONSIBILITY

- a. The owner, his agent and occupant of any premises shall be responsible for the sanitary condition of said premises.
- b. No person shall place, deposit or allow to be placed or deposite on his premises or any other premises to include any public street, road or alley any refuse or other solid waste, except in a manner described in this Ordinance.
- persons having responsibilities as described herein, shall be responsible for the proper storage, collection, transportation and final disposal of all refuse originating on the premises, by a methods or methods described in the Ordinance.

  SECTION 5. SOLID WASTE STORAGE

#### a. <u>General</u>:

- (1) The storage of all solid waste be practiced so as to prevent the attraction, harborage or breeding of insects and/ or rodents and to eliminate conditions harmful to public harmful to public harmful to public harmful to public harmful to public harmful to public nuisances.
- (2) The owner, his agent and occupant of any premises shall be responsible for the satisfactory storage of all waste accumulating or originating at that premises. A sufficient number of proper containers shall be provided by the owner, his agent or occupant to accommodate all applicable solid waste material generated between regularly scheduled collections as may be necessary to meet the intent of paragraph "a (1)" above.
- (3) All containers for storage of solid waste shall be maintaine in such a manner as to prevent the creation of a nuisance of menace to public health, safety or welfare. Containers that are broken or otherwise fail to meet requirements of this Ordinance shall be immediately replaced with acceptable container
- (4) Where garbage and similar putrescrible wastes are stored in combination with non-putrescrible refuse, containers for the storage of the mixture shall meet the requirements for

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garbage containers.

- b. Individual Household type Non-Disposable Containers (Garbada Cans):
  - (1) Individual non-disposable type containers utilized for the storage of garbage and other putrescible solid wastes at households and certain other applicable premises which utilize manual non-mechanical collection equipment, shall have the following physical characteristics:
    - (a) Be constructed of durable metal or plastic, tapered,
      be rust-resistant, non-absorbent, weather-tight, and leakproof.
      easily cleanable with close fitting insect and rodent proof.
      lids, and having adequate handles or bails to facilitate
    - (b) Covers for container shall be removable and not secured or fastened to containers
    - (c) Containers shall be not less than ten (10) gallons or more than thirty (30) gallons in capacity and the combined weight of container and contents shall not exceed seventy-five (75) pounds.
- c. Individual House hold-type Disposable Containers (Gembage Bags):
  - (1) Disposable Containers such as paper and plastic (polyethylene minimum 2.0 mil.) bags shall be acceptable for storage of garbage and rubbish provided the following conditions are met-
    - (a) Only those bags specifically designed for storage and collection shall be used.
    - (b) Bags are protected against precipitation, vandalism, animal damage and overloading to prevent littering or attracting of vectors.
    - (c) Bags have a holding strength capable of withstanding stresses while being handled and collected.
    - (d) Bag opening is securely tied prior to setting out for collection.
    - (e) Bag capacity shall not exceed thirty (30) gallons

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and filled weight shall not exceed seventy-five (75) pounds.

(f) Garbage and rubbish which cannot be properly contained in bags shall be containerized in garbage cans.

## d. Containers for Commercial Solid Waste:

(1) Containers as described hereinabove under articles
"b" and "c" of this Section 5 may be utilized for the
storage and collection of commercial solid waste.
Each establishment which generates such wastes shall
be permitted amaximum number of three (3) such container
of thirty (30) gallons capacity each or smaller.

than thirty (30) gallon capacity may have such wastes collected only if the wastes are placed in bulk contains which are compatible with and designed to be empt; by mechanical devices attached to the collector trucks, except as may be otherwise provided herein. Said bulk containers shall be constructed or durable, rust and corrosion-resistant material, shall be equipped; with tight fitting, self-closing lids, shall be weathert and leakproof, and of such dimensions and capacity as approved by the Parish and as set forth herein under Section 12, Service Charges for Collection and Disposal of Solid Wastes.

#### E. Methods of Use of Containers:

- (1) Containers shall be kept covered at all times except during placing or removal of contents.
  - (2) Containers shall not be filled so that the lid cannot fit properly.
- (3) The area around the container shall be kept clean.

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#### F. Non-Containerized Storage:

- (1) Certain bully wastes of a non-putrescible nature lend themselves to temporary storage in a manner other than containerization:
  - (a) Light tree debris shall be tied securely in bundles not exceeding four. (4) feet in length, two
  - (2) feet in diameter or width and seventy-five (75)

    1bs., in weight to be easily handled by the collection

    system and so as to minimize littering.
  - (b) Large, dense or special-shape items such as discarded furniture, appliances, vehicle tires and parts, and bicycles whose large size or excessive weight does not permit their enclosure within an approved receptable shall be temporarily stored on the premises to prevent a safety hazard, or the collection of water, or serve as a harborage for insects or rodents. Trees and stumps shall be temporarily stored in a similar manner.

    SECTION 6. SOLID WASTE COLLECTION

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#### a. Parish Responsibility:

(1) The Parish through the use of municipal forces or by employment of fully qualified, experienced and responsible contractors is responsible for the collection of reasonable amounts of garbage, rubbish and bulky wastes (excluding trees and stumps) from all private household residences, apartment houses, institutions and commercial establishments within the unincorporated areas of the Parish.

The Parish shall not collect agricultural solid wastes, trees and stumps, hazardous solid wastes, and industrial solid waste, except as may be otherwise (2) Criteria for Parish Collection of Household solid waste which is properly stored and placed for collection shall not be limited as to volume or

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ANDRES - AND GREATS INC.

quantity.

Private citizens shall be permitted to deliver untimely accumulations of small quantities of garbage and rubbish and place same in special receptacles as may be provided for that purpose at designated locations.

Bulky waste, excluding trees and stumps, without limitation as to volume or quantity, shall be collect from residences on an on-call basis.

Construction and demolition wastes are defined herein as industrial waste, and the owner or occupant shall be responsible for the proper collection and transportation of these wastes to an approved locatic for disposal. When such materials, as well as reasonablequantities of trees and stumps, are generat from private residences and are delivered to the disposal site by the owners or occupants thereweller shall be no charges made for such disposal.

(b) Standards for Collection: Garbage and rubbish shall only be collected from containers as described in articles "b" and "c" of Section 5. Bulky wastes shall not require containerization for collection.

- (a) Point of Collection: Containers and other material authorized for collection shall be placed at curbside or on the outside edge of the shoulder on an accessible public road, readily accessible to the collectors. Underground containers must be removed for their wells and placed above ground at curbside by the owners or occupants of the premises.
- (d) Frequency of Collection: The Parish shall provide a minimum of one (1) collection per week on a regular recurring schedule to be determined by the Parish.
- (e) Hours of Collection: Garbage cans or other

containers shall not be placed for collection for a period exceeding twenty-four (24) hours prior to the usual day and time of the regular collection.

Material authorized to be collected shall not normally be set out prior to 4:00 p.m. of the day preceding the regular collection day.

Emptied containers shall be removed from the curbside or shoulder promptly after the collection vehicle has completed collections in their particular geographical area.

No collection shall be made on Sunday without the expressed approval of the Parish.

- Criteria for Parish Collection of Commercial Solid
   Waste:
  - (a) Type and Volume of Materials: Commercial solid waste which is properly stored and placed for collection shall not be limited as to volume or quantity.

Bulky wastes, excluding trees and stumps, shall be collected from the generating establishments on an on-call basis without limitation as to volume or quantity.

Construction and demolition wastes are defined herein as industrial wastes, and the owner or occupant shall be responsible for the proper collection and transportation of these wastes to an approved location for disposal. The provisions of this paragraph shall also apply to trees and stumps. (See Industrial Wastes).

(b) Standards for Collection: Garbage and rubbish shall only be collected from containers as described in articles "b", "c" and "d" of Section 5 above.

Bulky wastes which are too large for enclosure within the waste container provided in accordance with this ordinance shall not require containerization for collection.

Bulky wastes shall not be placed in the same container with garbage and rubbish.

(c) Point of Collection: Containers of thirty (30) gallons capacity and smaller shall be placed at curbsic or on the outside edge of the shoulder on an accessible public road, readily accessible to the collectors. Underground containers must be removed from their wells and placed above ground at curbside by the owners.

The owner, occupant or operator of all such established ments shall place all bulk waste containers for collect at such locations on his premises which abut the public street or road right-of-way so as to permit convenient access to same for loading operations by the collectors trucks while stationed on the public street or road right-of-way.

- (d) Frequency of collection: The Parish shall provide minmum of one (1) collection per week on a regular recuing schedule to be determined by the Parish.
- (e) Hours of Collection: Garbage cans or other containshall not be placed for collection for a period exceeding twenty-four (24) hours prior to the usual day and time the regular collection. Material authorized to be collected and normally be set out prior to 4:00 P.M. on the day preceding the regular collection day.

Emptied containers shall be removed from the curbside of shoulder promptly after the collection vehic has completed collections in their particular geographic area.

No collections shall be made on Sunday without the expressed approval of the Parish.

Bulk containers which are located on the premises may remain at the chosen location, providing that are maintained in a sanitary and orderly condition, and

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#### b. Person's Responsibility:

- (1) Private household occupants and business establishments originating industrial solid waste as defined herein. or types other than that specified above as being the Parish's responsibility, shall collect, transport and dispose of such wastes at their own expense as hereinafter provided.
- (2) Persons originating all hazardous solid waste shall dispose of such at their own expense as hereinafter provided.

SECTION 7: SOLID WASTE TRANSPORTATION

## a. Parish Responsibility - congression or chis capture and the

(1) The parish shall provide, operate and maintain suitable facilities for the transportation of household and commercial solid wastes (including transfer stations as may be necessary) from the points of collection in the unincorporated areas of the Parish to the disposal facilities, except as may be otherwise provided herein.

### b. Vehicle: Bodies or Containers:

- (1) Vehicle bodies or other containers used for the collection and transportation of garbage, rubbish or other waste materials containing putrescible matter shall be enclosed, weathertight, leakproof, constructed of durable metal and easily cleanable.
- (2) Vehicle bodies or other containers used for the collection and transportation of bulky, non-putrescible waste and industrial wastes which are too heavy to blow off may be partially enclosed on four sides to prevent the accidental spilling of debris during transit and shall require a suitable covering.

## c. Rules During Transit:

(1) Any person collecting, transporting, hauling, or permitting to be collected, transported or hauled any

roads, alleys or ways shall take reasonable precautions to prevent the scattering or spilling of such solid waste material from the conveyance upon said public facilities, and shall comply with applicable Federal guidelines, State Department of Health regulations, and the provisions of this Ordinance.

# SECTION 8. LICENSING OF PERSONS FOR SOLID WASTE COLLECTION AND/OR TRANSPORTATION

- or other legal entity engage in the business of collects or transporting solid waste upon any public street, road or highway within the Parish without first having obtain a license from the Parish to do so.
- b. No such license shall be issue except upon the submission of a formal application specifying therein:
  - (1) Name, address and occupation of the applicant;
  - (2) Summary of past experience in the field of waste collection and transportation; Comprehensive Liability Insurance Coverage in the amount of \$500,000/\$500,000, in the form of a Certificate of Insurance;
  - (4) Location (s) of authorized or approved disposal sites to which the solid waste material is to be transport for final disposal, and proof of acceptance for dumping by owner operator of site;
  - (5) A complete description of the vehicle to be utilized and the registration certificate validating that the vehicle is licensed for commercial use.
  - c. Licensee must present his vehicle at the time of application, for inspection by the Parish.
  - d. During the validity of the license, each licenses

    must advise the Parish of any change in the information
    required on his application within ten (10) days or suc

change.

- e. The fee for said license shall be \$50.00 for each vehicle.

  Licenses shall date from the first day of July in each
  year and expire on the 30th day of the following June,
  and may be otherwise pro-rated. Such licenses shall
  not be transferable.
- f. Each licensee shall permanently affix the license decal
  issued by the Parish on the lower righthand corner of
  the front windshield of the applicable vehicle.
  - performance and may be revoked at any time for cause, including failure to perform under the provisions of this Ordinance.
- which originates within their personal household are exempt from licensing.

SECTION 9. SOLID-WASTE DISPOSAL

- or facility for which a permit for solid waste disposal
  has not been issued by the State Department of Health
  and Parish.
- b. No person shall establish or construct or operate or maintain or permit the use of a solid waste disposal site or facility without first having obtained from the State Department of Health and Parish a permit to establish or construct the site of facility or a permit to maintain and operate the site or facility pursuant to the rules and regulations promulated by the State Department of Health.
- c. Disposal fees assessed at solid waste disposal sites or facilities within the Parish shall be approved by the parish.

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- d. The Parish shall provide, operate and maintain suitable facilities for the processing and/or disposal of solid waste (excluding agricultural solid wastes and hazardousolid wastes) from the incorporated and the unincorporaareas of the Parish.
- Solid waste materials may be reduced or disposed of by the process of incineration, provided that the facility for such process is in compliance with the applicable Federal and State laws and regulations on incineration and their use. The owner and/or user of an incinerator must file annually, with the Parish, an affidavit attes: ing that the facility is in compliance with all applica-Federal and State laws and regulations. A copy of said, affidavit shall be posted within site of the charge opening of said facility for public inspection. The Parish shall have the right to periodically in-ct. and monitor/said facilities during operation to insure continuous compliance with the aforementioned regulation and to order a cessation of operations until such facili: is in compliance with the applicable regulations. All such facilities which are presently installed or in use shall be granted a period of 180 days from the effective date of this Ordinance in which to meet the requirements provided herein.
- f. The storage or disposition of abandoned automobiles shall be as provided in Ordinance No. 788 of the Police Jury of the Parish of St. Mary, State of Louisiana.

SECTION 10. INDUSTRIAL WASTE

a. The person generating industrial waste (as defined herei shall be responsible for the storage, collection, transportation, and disposal of these wastes in accordar with the regulations of the State Department of Health a the provisions of this Ordinance.

- b. All persons who engaged in the business of collecting or transporting industrial solid wastes for the purpose of disposing of said wastes shall be licensed for such activity by the Parish, providing that he shall meet the qualifications and pay the fee as set forth herein under Section 8, Licensing of Persons for Solid Waste Collection and/or Transportation.
- deposited in the landfill designated by the Parish.

  The said wastes shall not contain any putrescible organic material, and the entire contents of any conveyance in which any such material may be discovered upon unloading shall be charged at the applicable rate set forth herein under article a, paragraph (7) Class G, of Section 12,

  Service Charges for Collection and Disposal of Solid Wastes.
  - of garbage and rubbish which is generated in the industrial sector shall be handled by the Parish in accordance with the applicable provisions as set forth herein under Sec. 12, art. a., (5) Class E or Sec. 12, art. a.. (6) Class F. SECTION 11. HAZARDOUS WASTE

Hazardous wastes require special provisions for storage, collection transportation and disposal, and the person generating such wastes shall be responsible for their proper handling in accordance with the regulations of the State Department of Health.

Such wastes shall not be handled by the Parish.

SECTION 12. SERVICE CHARGES FOR COLLECTION AND DISPOSAL

a. In order to provide for the health, safety and of the citizens of St. Mary Parish, there is levied a service charge to defray the expenses of the collection and disposal of solid waste materials, and the fee is to be assessed and collected monthly as follows:

(1) CLASS a (Residential Service)

There shall be no charge for the collection and/or dispos of household solid waste materials and/or bulky wastes as defined in this Ordinance from places of residence containing one (1) or two (2) dwelling units, including single family houses, duplex apartments, garbage apartmen or mobile homes.

There shall be no charge made for the disposal of construction and demolition wastes which are generated from private residences and are delivered to the disposal facilities by the owners occupants thereof.

- (2) Class B (modified Commercial Service) There shall be charge for the collection and/or disposal of household solid waste materials and/or bulky wastes as defined in this Ordinance from places of residence containing three (3) or more dwelling units, such as apartment buildings ar mobile home courts, EXCEPT that, should the quantit waste materials placed for coffection exceed the capacity of three (3) containers of thirty (30) gallons capacity a the operator of such establishment shall provide one or so; approved bulk containers of sufficient capacity to contain the materials, and said operator shall be charged for sai bulk container at the applicable rate set forth hereinafter under paragraph (3) Class C (Scheduled Commercial Service) and listed opposite the designation "Container Charge".
- (3) Class C (Scheduled Commercial Service) The monthly charges for the collection and disposal of commercial solid waste materials and/or bulky wastes as defined in this Ordinance from institutions and commercial establishments such as stores, single offices, multiple-office complexes, schools, restaurants and cafeterias shall be a follows:

Number of Collection Days per week 1-3 Containers (Max. 30 gal. cap.

ea.) \$1.50/mo. \$3.00/mo.

One (1) cubic yard bulk container.

rear loader, per container

Container Charge - \$5.43/mo. 5.43/mo.

Total Charge \$17.94./mo. \$22.55/mo.

Two (2) cubic yard bulk conatiner rear loader, per container

Container Charge 57.32/mo 7.32/mo 7.32/mo

Total Charge \$22.09/mo. \$32.86/mo.

Three (3) cubic yard bulk container rear loader, per container

Container Charge 9.19/mg 9.19/mg

Total Charge \$30.10/mo. \$.41130/mo.

Bulk containers as listed above shall be furnished by the Parish.

(4) Class D (Special Service: Unscheduled Commerical Services).

Upon request, the Parish shall make such special unscheduled collections of bulky wastes which are too large to permit encasement within the container in use on the premises, and a charge shall be levied for such service at the rate of \$15.00 per hour for the actual time consumed to load the truck computed from arrival to departure from the property served, plus a fixed fee of twelve dollars (\$12.00) to compensate for transportation to the disposal facilities and for disposal of the waste material.

#### (5] Class E (Scheduled Limited Industrial Service)

Upon request the Parish shall make scheduled collections of reasonable quantities of garbage and rubbish only, as defined herein. from industrial establishments, and the charge for such service shall be indentical to that set forth above under paragraph (3) Class C (Scheduled Commercial Service).

(6) Class F (Special Service: Unscheduled Limited Industrial Services)

Upon request, the Parish shall make such special unscheduled collections of untimely accumulation of garbage and rubbish only as defined herein, from industrial establishments, and a charge shall be levied for such service at the rate of \$15.00 per hour for the actual

from the property served, plus a fixed fee of eleven dollars and seventy cents (\$11.70) per ton of payload, minimum fee of \$12.00, to compensate for transportation, processing and disposal of the waste material.

# (7) Class G (Industrial Wastes-Disposal Services Only)

It shall be the responsibility of the person generating the industrial waste as defined herein to collect and transport such wastes and deliver them to the landfill facilities as designated and furnished by the Parish. The material shall be weighted at the Parish processing plant site prior to delivery and deposition at the landfill, and a charge shall be levied for such disposal service at the rate of three dollars and forty-two cents (\$3.42) per ton of was material.

The industrial solid wastes shall not include any organic putrescible material, and in the event that any such material discovered during or after the said-industrial solid wastes are unlithe weight of the entire payload of waste materials shall be charge the rate of eleven dollars and seventy cents (S11.70) per ton, or a minimum fee of \$12.00.

# SECTION 13. SALVAGING

Salvaging shall be unlawful for any person except by specific permission of the owner of the premises on which salvaging is or is be conducted. Salvaging will normally only be permitted in the int of recycling, and then only when done in a safe, nuisance free and pollution free manner.

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### SECTION 14. PROHIBITED ACTIVITIES

## a. <u>Dead Animals:</u>

(1) Small Animals. Any person who has, or finds, small dead animal such as a dog, cat or fowl on his premises, or on the street or other public property adjacent to his premises, shall promptly notify the proper Parish sanitation authority of its location and description and shall make such remains immediately available for collection by the Parish.

Such remains may be stored in a suitable plastic bag pending collection, but under no placed for a regular collection, whether in a container, or not in a container.

This article shall not apply to animal parts from

food preparation for human consumption at private residences
and commercial establishments such as cafeterias and
restaurants.

This article shall-not apply to dead animals, or parts thereof, from any commercial or agricultural activity.

(2) Large Animals. The owner of any large animal such as a horse or cow which has died on his premises or any other premises, whether public or private, shall be responsible for its prompt removal and proper disposal.

The Parish shall not provide such services. However, if the ownership of a stray large dead animal cannot be readily determined, the Parish may arrange for its removal, and when ownership has been established, the cost of such removal and disposal shall be collected by the Parish from said owner.

#### b. <u>Littering</u>:

(1) It shall be unlawful to place, or allow to be placed, any solid waste upon the roads, streets, highways, public or private property within the Parish contrary to the provisions of this Ordinance.

#### c. Scavenging:

(1) It shall be unlawful for any person to scavenge any solid waste within the Parish.

### d. Open Burning:

(1) It shall be unlawful for any person to dispose of some wastes upon any public or private premises within the Paraby open burning, except as may be specifically permitted State Laws. The provisions of this article shall not aport to the production operations of field crops.

### e. Open Dumps Prohibited:

(1) It shall be unlawful for any person to use or opera

#### f. No Interference with Authorized Solid Waste Management:

(1) It shall be unlawful for any person to interfere wi any employee or other authorized representative of the P while in the performance of his duties as authorized by Ordinance.

#### q. False Information:

(1) It shall be unlawful for any person to make false statements in any application required by this Ordinance

#### h. Illegal Use of Permit Number:

It shall be unlawful to display any permit number u
the person displaying such number (s) holds a valid perm
 thereof.

### SECTION 15. VIOLATIONS

It shall be unlawful to violate any provision of this Ordinan Any violation shall be a misdemeanor.

#### SECTION 16. PENALTY

Any person who violates any of hie provisions of this Ordinan or any order of the Parsih issued pursant thereto shall be fined n less than 525.00 nor more than \$100.00 or imprisoned for not more than thirty (30) days, or both. Each day of violation shall const a separate offense.



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# SECTION 17. UNCONSTITUTIONALITY CLAUSE

Should any section, paragraph, sentence, clause or phrase of this Ordinance be declared unconstitutional, or invalid by a competent authority for any reason, the remainder of said Ordinance shall be affected thereby.

### SECTION 18. REPEALER

That all ordinances or parts thereof in conflict herewith be and they are hereby repealed.

The foregoing ordinance having been submitted to a vote the

YEAS: Miss Aloisio, and Messrs: Champagne, Domino, Fouquier Guarisco, Gautreaux, Hebert, Luke, Navarro, Robison, Joe C. Russo, J. Paul Russo, Winchester and Hoffpauir

YS None

RSENT: Mr. Hamer

This ordinance was declared adopted on this 26th day of March, 1975, and shall become effective on the 30th day of April, 1975

APPROVED:

JERRY W HOFFRAUIR PRESIDENT

ATTEST:

Connie A. Martin, Secretary St. Mary Parish Police Jury LDEQ-EDMS Document 36293850, Page 236 of 476

### Ordinance No. 862

An Ordinance amending and reenacting Ordinance No. 799 of the Parish of St. Mary, State of Louisiana, to provide insurance requirements for persons, firms, corporations, associations, partnerships, and other legal entities engaged in the business of collecting or transporting solid waste upon any public street, road or highway within the Parish, and for persons, firms, corporations, associations, partnerships, and other legal entities collecting or transporting solid waste not as a business.

BE IT ORDAINED by the POLICE JURY OF THE PARISH OF ST. MARY, STATE OF LOUISIANA, in regular session convened.

### Section 1:

Ordinance No. 799 of the Parish of St. Mary,

State of Louisiana, Section 8(b)(2) is hereby amended

and reenacted to read as follows:

(2) Summary of past experience in the field

of waste collections and transportation; comprehensive
liability insurance in the amount of \$300,000.00.

for those persons, firms, corporations, associations,
partnerships, or other legal entities engaged in the
business of collecting or transporting solid waste for
others, as a business; and \$20,000.00 for those
persons, firms, corporations, associations, partnerships,
or other legal entities which collect and transport
solid waste of their own, but not as a business; which
said insurance shall be evidenced by a certificate of
insurance attached to the application;

#### Section 2:

All ordinances or parts of ordinances in conflict herewith are hereby repealed.

This Ordinance having been submitted in writing, having been read and adopted section by section, was then submitted to an official vote as a whole, and the vote thereon was as follows:

AYES: Matilda Aloisio, B. R. Butler, Harold Clausen,
Joseph M. Davis, Loylis Duhon, Albert Foulcard,
Everette A. Fouquier, Wilson T. Gautreaux,
Cyrus Giroir, Jr., Berlin J. Hebert, H. A. Louviere,
Lawrence Michel, Lige Robison, J. Paul Russo and
Emory C. Jennings

NAYS: None

ABSENT: None

Adopted and Approved this 22nd day of December, 1980.

Comie M. Fournet

EMORY C. JENMLNGS, PRESIDENT

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#### ORDINANCE NO. 1015

An ordinance amending and re-enacting Section 8 of Ordinance No. 799 of the Parish of St. Mary, to provide for licensing of businesses engaged in collecting and transporting of solid waste, and to provide for permitting of all vehicles used in the collection or transportation of solid waste.

BE IT ORDAINED by the St. Hary Parish Council in regular session convened on this 24th day of June, 1987:

West and the section 1 - Section 8, of Ordinance No. 799 of St. Mary Section 8, of Parish is hereby amended and remenacted as follows: Table game of Artigory

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- And the second s partnership or other legal entity shall engage in the business of collecting or transporting solid waste upon any business of collecting or transporting soils waste myon any public street, road or bighway within the Parish without first having obtained a license from the Parish to do so
  - b. No such license shall be issued except upon the submission of a formal application specifying therein: (1) Name, address and occupation of the applicant; (2) Summary of past experience in the field of waste collection and transportation; (3) Comprehensive Liability Insurance Coverage in the amount of \$500,000/\$500,000; in the form of a Certificate of Insurance; (4) Location-(s) or authorized or approved disposal sites to which the solidwaste material is to be transported for final disposal; and proof of acceptance for dumping by owner operator of site; (5) A complete description of the vehicle to be utilized and the registration certificate validating that the vehicle is licensed for commercial use.
    - c. Licensee must present his vehicle at the time of application, for inspection by the Parish.
    - d. During the validity of the license, each licenses must advise the Parish of any change in the information required on his application within ten (10) days of such change.
    - e. The fee of said license shall be \$50.00 per annum, payable upon application for such licenses, as follows: Licenses shall date from the first day of July in each year and expire on the 30th day of the following June, and may be otherwise pro-rated. Such licenses shall not be transferable.
    - f. Each licensee shall permanently register with the Parish and affix on each vehicle to be used by such licensee in the collecting and/or transportation of solid waste in St. Mary Parish, a license decal, issued by the Parish on the lower right hand corner of the front windshield of the applicable vehicle. The licensee shall pay a fee of \$5.00 per vehicle so registered.
    - g. The license shall be issued on the basis of anticipated performance and may be revoked at any time for cause, including failure to perform under the provisions of this Ordinance.

h. Private citizens who collect or transport solid waste which originates within their personal household are exempt from licensing.

 Persons, firms, corporations, associations, partnerships, or other legal entities which collect and transport solid waste within St. Mary Parish for their own purposes, but not as a business, shall register with the Parish and permanently affix on each vehicle to be so used, a decal, issued by the Parish, on the lower right hand corner of the front windshield of the applicable vehicle. The owner or operator of such vehicle shall pay a fee of \$5.00 for each vehicle so registered.

SECTION 2 - All ordinances or parts of ordinances in conflict herewith are hereby repealed.

This ordinance having been offered and read on this 13th day of May, 1987; having been offered and read on this lith day of May, 1987; having been published in accordance with law, and having been heard in a public hearing held at Franklin, boulsiana, on the 24th day of June, 1987; was adopted by the following vote on the 24th day of June, 1987.

age of the

MESSRS. Joseph Davis, Gary Wiltz, Chuch Rogers, Mike
Taylor, Roland Broussard, Henry Steckler, Loylis Duhon,
Robert McHugh and H. V. Fondern
None

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ABSENT: Hessrs Emory Jennings and Lige Robison

Have Fondken, JR., Chairman

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ST. MARY PARISH COUNCIL

ATTEST:

KIMBERLY W. PUSATERI, CLERK ST. MARY PARISH COUNCIL

This ordinance was swomitted to the President of St. Mary Parish on this the GOLD day of June, 1987 at the hour of 8:34 an.

APPROVED:

ST. MARY PARISH

This ordinance was returned to the Clerk of the Council on this the day of was, 1987, at the hour of

#### ORDINANCE NO. 952

An Ordinance to regulate the transportation, storage and disposal of PCB's and Toxic Wastes within the geographical boundary of St. Mary Parish; to prohibit the transportation, storage and disposal of PCB's and Toxic Wastes in St. Mary Parish; and to provide for other matters relative thereto.:

BE IT ORDAINED by the St. Mary Parish Council in regular session convened, in regular session this 27th day of March, 1985;

SECTION I: As used in the part, the following terms shall have the meaning ascribed to them in this Section, unless the context of use clearly indicates otherwise:

- (1) "Disposal" means the discharge, deposit, injection, dumping, spill scored ing, leaking, or placing of any hazardous waste, or other toxic material, into or on any land or water so that such waste, or other toxic material, or any constituent thereof, may enter the environment or be emitted into the air or discharged into any waters, including ground waters; or the incineration of any hazardous waste, or other toxic material, so that such waste, or other hazardous material, is emitted into the air.
- (2) "Hazardous Waste" means any waste, or combination of wastes, which because of its quantity, concentration, physical, chemical, or infectious characteristics may (1) cause or significantly contribute to an increase in mortality or an increase in serious irreversible or incapacitation reversible illnes or (2) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of or otherwise managed. Such definition shall be applied only to those wastes identified and designated as such by the Louisiana Department of Natural Resources, consistent with applicable federal laws and regulations.
  - (3) "Manifest" means the system and forms used for identifying the quantity, composition, origin, routing and destination of PCB's, hazardous wastes, or other toxic material, during its transportation from the point of generation to any point of disposal, treatment or storage.
  - (4) "Storage" means the containment of hazardous waste, or other toxic material, on a temporary basis, for such time as may be permitted by regulations, in such a manner as not to constitute disposal of such hazardous waste, or other toxic material.
  - (5) "Toxic Material" means any waste which would otherwise fall within the definition of hazardous waste, as set forth herein, but has not been so designated by the Louisiana Department of Environmental Quality and/or the Louisiana Department of Natural Resources.
  - (6) "Treatment" means any method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste, or other toxic material, so as to neutralize such waste or render it nonhazardous, or nontoxic, safer for transport, amenable for recovery or storage, or reduced in volume. The term includes any activity or processing designed to change the physical form or chemical composition of hazardous waste, or other toxic material, to render in onhazardous or nontoxic.
  - (7) "Transportation" means the movement of hazardous wastes, or other toxic material, from the point of generation or storage to the point of treatment, sotrage, or disposal by means of commercial or private transport. The term does not apply to the movement of hazardous wastes, or other toxic wastes, on the premises of a hazardous waste or toxic waste generator, or on the premises of permitted hazardous waste or toxic waste treatment, storage or disposal facility.

- (8) "Processing, treatment, or disposal facility" means any facility or location where any treatment, incineration, processing, or deposition of hazardous wastes or toxic wastes occurs or is contained.
- (9) "Waste" means any material for which no use or reuse is intended and which is to be discarded.
- (10) "Pollution source" means the site or location of a discharge or potential discharge, including such surrounding property necessary to secure or quarantine the area from access by the general public.
- (11) "Reusable material" means any material which is destined for reuse or reprocessing, but which because of quantity, concentration, physical, chemical, or infectious characteristics may (a) cause or significantly chemical, or infectious characteristics may (a) cause or significantly contribute to an increase in mortality or an increase in serious irreversible contribute to an increase in mortality or an increase in serious irreversible or incapacitating reversible illness or (b) poses a substantial present or incapacitating reversible illness or (b) poses a substantial present or incapacitating reversible illness or (b) poses a substantial present or incapacitating reversible illness or (b) poses a substantial present or incapacitating reversible illness or (b) poses a substantial present or incapacitating treated, potential hazard to human health or the environment when improperly treated, potential hazard to human health or the environmental Quality and/or the designated by the Louisiana Department of Environmental Quality and/or the designated by the Louisiana Department of Environmental Quality and/or the designated by the Louisiana Department of Environmental Quality and/or the designated by the Louisiana Department of Environmental Quality and/or the designated by the Louisiana Department of Environmental Quality and/or the designated by the Louisiana Department of Environmental Quality and/or the designated by the Louisiana Department of Environmental Quality and/or the designated by the Louisiana Department of Environmental Quality and/or the designated by the Louisiana Department of Environmental Quality and/or the designated by the Louisiana Department of Environmental Quality and/or the designated by the Louisiana Department of Environmental Quality and/or the designation of Natural Resources, as requiring special handling.
- "Polycholorinated biphenyls (PCB and FCB's)" are defined for the purpose of this Article as any chemcial substance that is limited to the biphenyl molecule that has been chlorinated to varying degrees, or any biphenyl molecule that has been chlorinated substances. The term (s) refers combination of substances which contain such substances. The term (s) refers combination of substances and combinations of substances that contain to any chemical substances and combinations of greater of PCB's and any greater than 50 PRM (on a dry weight basis) or greater of PCB's and any container, piece of electrical equipment, item or other device or material which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or unintentionally contains, includes as a part which either deliberately or greater of PCB's and any greater of PCB's and erg of PCB's because of PCB's and erg of PCB's because of PCB'

# SECTION II: PCB'S AND TOXIC MATERIALS REGULATED

- (a) The treatment, storage, and disposal of polychlorinated biphenyls (PCB and PCB's) and toxic materials at commercial waste disposal facilities within the Parish of St. Mary are hereby prohibited.
- (b) The transporting of polychlorinated biphenyls and toxic materials (PCB and PCB's) through the Parish of St. Mary shall require that the transporting agent supply a manifest to, and obtain a permit from, St. Mary Parish Government.

SECTION III: Any person found by a court of competent jurisdiction to be in violation of this section shall be fined not more than \$500.00 and/or imprisoned for not more than 6 months for each violation. Any corporation, partnership, or other legal entity found by a court of competent jurisdiction to be inviolation of the section shall be fined not more than \$500.00 per violation, and any officers of such a legal entity found by a court of competent jurisdiction to be in violation of this section, whether it be actual or constructive violation, shall be fined not more than \$500.00 and/or imprisoned for not more than 6 months for each violation.

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SECTION IV: If any word, clause, phrase, section or other portion of this ordinance shall be declared null, void, invalid, illegal or unconstitutional, the remaining works, clauses, phrases, sections and other portions of this ordinance shall remain in full force and effect, the provisions of this ordinance hereby being declared to be serverable.

SECTION V: Any ordinance or part thereof in conflict herewith is hereby repealed.

SECTION VI: This ordinance shall become effective immediately following passage by the St. Mary Parish Council.

This ordinance, having been offered and read on this the 13th day of February, 1985; having been published in accordance with law; and having been heard in a public hearing held at Franklin, Louisiana on the 27th day of March, 1985, was adopted by the following vote on the 27th day of March,

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ROBERT C. MCHUGH, CHAIRMAN ST. MARY PARISH COUNCIL CASE TO THE TOTAL TO THE STATE OF THE STATE O

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KIMBERLY W./PUSATERI, CLERK

ST. MARY PARISH COUNCIL

This Ordinance was submitted to the President of St. Mary Parish on this the 29th day of March, 1985, at the hour of \_\_11:12 a.m.

APPROVED:

ST: MARY PARISH

This Ordinance was returned to the Clerk of the Council on this the 1st day of April , 1985, at the hour of 8:10a.m.

LDEQ-EDMS Document 36293850, Page 242 of 476

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#### ORDINANCE NO. 915

An Ordinance relative to the storage and disposal of Hazardous Waste in St. Mary Parish, the siting of facilities for storage and disposal of all types of waste and to the local regulation thereof; and to amend the title of Chapter 10 of the Parish Code of St. Mary Parish.

### SECTION I

BE IT ORDAINED, by the St. Mary Parish Police Jury in regular session convened, acting pursuant to the authority granted unto it by the Constitution and laws of the State of Louisiana and the Constitution and laws of the United States, including, without way of limitation, Article 6, Section 17 of the Louisiana Constitution of 1974, LSA-R.S. 33:1236 and LSA-R.S. 30:1136 (C), the Federal Water Pollution Control Act (33 USCA 1251 et seq., particularly Section 1370), that the Parish Code of St. Mary Parish be amended by adding to Chapter 10 thereof a new article to be designated as "Article III. Hazardous Waste," Sections 10-32 through 10-47 as follows:

CHAPTER 10 - GARBAGE, TRASH, SOLID WASTE & HAZARDOUS WASTE

# ARTICLE III. HAZARDOUS WASTE

SECTION 10-32. FINDINGS AND PURFOSE

- a. The St. Mary Parish Police Jury finds as follows:
  - 1) The storage and/or disposal of hazardous waste in the wetlands and vaterways of St. Mary Parish and in close proximity to residential areas of St. Mary Parish presents a clear and present danger to the health, safety and welfare of St. Mary's residents and to the fragile environment of the Parish. Disposal of waste in such areas should be absolutely prohibited.
  - 2) The uncontrolled and unregulated storage and disposal of hazardous waste in other areas of the Parish pose an imminent threat to the health, safety and welfare of the residents and environment of St. Mary Parish, thereby necessitating regulation of such storage and disposal on a local level.
  - 3) Underground injection wells and other facilities for the storage or disposal of any type of waste can be used to store or dispose of hazardous waste to the potential detriment of the health, safety and welfare of the citizens of St. Mary Parish and the environment thereof. It is therefore necessary that local government permit, monitor and oversee the construction and use of all facilities designed to store or dispose of any type of waste to assure that hazardous waste is not stored or disposed of in a manner inimical to the safety and well being of citizens of St. Mary Parish and its environment.
  - 4) The St. Mary Parish Police Jury, as the governing authority of St. Mary Parish, is most responsive of all government entities to determine the areas where hazardous waste should be stored and disposed of, and the Police pury has a duty to the citizens it serves to protect the common welfare by assuring that hazardous waste storage and disposal is undertaken in a safe and prudent manner.

- 5) St. Mary Parish is frequently and regularly subjected to hurricanes and heavy rains, both of which pose severe problems to the safe and prudent disposal of hazardous waste.
- 6) St. Mary Parish is an environmentally fragile ecosystem whose remaining land mass is constantly subjected to the forces of subsidence and erosion, both of which pose severe problems to the safe and prudent siting of hazardous waste storage and disposal facilities.
- 7) As the governing authority of St. Mary Parish, the St. Mary Parish Police Jury has a duty and obligation to its citizens and residents to assure that facilities for the storage and disposal of hazardous waste are located on ground areas and at underground strata which pose the least possible risk to the health, welfare and safety of St. Mary's citizens and its environment.
- b. The purpose of this article is to regulate the storage and disposal of hazardous waste in St. Mary Parish by establishing certain areas where no waste may be stored or disposed of and by requiring permits for the storage and disposal of hazardous waste in other areas of St. Mary Parish and for the development of any other waste storage or disposal facility or the drilling of any waste injection well.

#### SECTION 10-33. DEFINITIONS

- I. "Facility" means any area, structure, storage pit, storage tank, lagoon, treatment plants, disposal wells and any other appurtenances and structures used for the storage or disposal of waste.
- Plazardous Waste" means any waste, or combination of wastes, which because of its quantity, concentration, physical, chemical, or infectious characteristics may (a) cause or significantly contribute to an increase in mortality or an increase in serious irreversible or incapacitating reversible illness or (b) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of or otherwise managed. Residential and some commercial solid waste normally contains some hazardous materials, but because such materials are usually present in very small quantities, their safe disposal either in a sanitary land fill or incinerator presents no special problem. Therefore, residential waste is not considered to be "hazardous waste" as used in this article.
- 3. "Waste" means any liquid, solid or gaseous substance not intended for use or resue but intended to be stored for disposal or discarded or disposed of. Waste includes, but is not limited to, hazardous waste as defined above and any waste, or combination of wastes, generated or produced during operations for the production of oil or natural gas, including salt water and brine as well as any other waste which may be produced separately or mixed with said salt water or brine.
- 4. "Disposal" means The discharge, deposit; injection, dumping, spilling, leaking or placing of any hazardous waste or other waste into or on any land or water so that such waste, or any constituent thereof, may enter the environment or be emitted into the air or discharged into any waters, including ground; waters.

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- "Storage" means the containment of hazardous waste or other waste on a temporary basis, in such a manner as not to constitute disposal of such waste.
- "Person" means any individual, partnership, corporation, association or other legal entity.
- "Site" means any area, whether above ground, on ground or underground, where waste is or may be stored or disposed of.
- "Commercial Facilities" are those storage or disposal facilities which receive, store or dispose of "hazardous waste" or "waste" for a fee or other consideration.

#### SECTION 10-34. AREAS WHERE DISFOSAL IS PROHIBITED

No hazardous waste or other waste shall be stored or disposed of me following areas or sites: in the following areas or sites:

- in the following areas or sites:

  a. Wetlands or waterways.

  b. Any area within a one mile radius of any house, mobile home;

  apartment, condominium; commercial structure or other

  structure used as a residence or business; unless the

  structure is located and used on the site where the hezardous

  waste or other waste is stored or disposed of.
- c. Any area designated as an area of particular concern by the

  St. Mary Parish Police Jury, including Indian Burial grounds,
  historical Land marks, grave yards or other area of particular
  concern as defined by the Coastal Management Section of the historical land marks, grave yards or other area of particular concern as defined by the Coastal Management Section of the Louisiana Department of Natural Resources or as defined in any local coastal zone management ordinances or regulations. The Early Committee As

# SECTION 10-36. PERMIT REQUIRED IN OTHER AREAS

No person shall store or dispose of bazardous waste in any facility of at any site not prohibited by Section 10-34 hereof, or develop any waste site or facility without first obtaining a permit from the St. Mary Parish Police Jury.

#### SECTION 10-36. PERMIT APPLICATION

- a. Any person desiring to store dispose of hazardous waste in a facility or at a site where such storage or disposal is not prohibited hereunder, and any person desiring to develop any waste site or facility, shall submit an application for a permit in triplicate to the St. Mary Parish Police Jury containing the following information:
- 1. Name, address and phone number of applicant.
- Names, addresses, residences and phone numbers of all owners partners or shareholders, whichever is applicable, of the
- 3. Location of proposed storage or disposal facility.
- 4. Type or types of Waste proposed to be stored or disposed of and volume of waste proposed to be stored or disposed of.
- 5. Method of storage or disposal intended to be used, including and waste treatment to be undertaken.
- Detailed engineering reports, diagrams, blueprints and drawings showing design of storage or disposal facility.
- All available data showing rainfall pattern at storage or disposal area.

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- 8. Detailed geologic reports, maps, drawings, blueprints and diagrams showing, among other things, all underground strata through which any injection well is intended to be drilled and all strata at least one thousand feet below the intended bottom depth of the well; any geologic faults within a five mile radius of the proposed injection well; and all underground streams or aquifers, including fresh and salt water streams and aquifers.
- 9. All permit applications and accompanying data submitted to any other local, state or federal agency having jurisdiction over the proposed facility and any permit application submitted in connection therewith.
- The application for a permit shall be accompanied by a certified check in the amount of \$250.00 to cover the cost exofe-processing the application के स्वयंत्रीय प्राथमान प्राथमान प्राथमान प्राथमान प्राथमान प्राथमान प्राथमान SECTION 10-37. PUBLIC HEARING REQUIRED

- a. No permit for storage or disposal of hazardous waste or for the development of any waste site or facility shall be issued the development of any waste site or facility shall be issued the development of any waste site or facility shall be issued the until a public hearing is held thereon. The purpose of the public hearing shall be to gather facts, opinions and other input regarding the permit application.

  b. A public hearing shall be called by the St. Mary Parish Police
- b. A public hearing shall be called by the St. Mary Parish Police to the St. Mary Parish Police A public hearing shall be carried by the permit application to the permit application to the public hearing is held; the applicant shall comply with the following requirements:

  1) Advertising of the public hearing shall be made by
  - publishing four times in the official journal of St. april and with the second residence of Comprehensive Committee of American Mary Parish an advertisement of at least one quarter page in size, which advertisement shall state in at least 48-point size type the following: "PUBLIC HEARING FOR WASTE STORAGE OR DISPOSAL FACILITY." The advertisement shall also state the data, time and place of the hearing and the fact that any interested person may appear and be heard. The advertisements shall appear at intervals of at least one week.
  - 2) Notice of the public hearing shall be posted at least two weeks prior to the hearing in a prominent place at the St. Mary Parish Courthouse, all Parish libraries and any other location deemed pertinent by the St. Mary Parish Police Jury.
  - Copies of the application and all attachments shall be made available to the public at the office of the St. Mary Parish Police Jury at least four weeks prior to the hearing.
  - Any interested person shall have the right to comment verbally or in writing at the public hearing.

# SECTION 10-38. REQUIREMENTS FOR PERMITS

No application for the storage or disposal of hazardous waste or the development of any waste site or facility shall be permitted unless the applicant for the permit demonstrates and proves to the St. Mary Parish Police Jury that:

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- The best available technology has been used in designing the facility and will be used in constructing and operating the facility to assure that storage or disposal is undertaken in a prudent and safe manner.
- Waste injected into an underground strata will not migrate. leach, run into or in any manner contaminate any fresh water aquifer, underground fresh water stream, fresh water well, soil or surface area.
- Only those wastes instedion the application will be stored or disposed of in the facility.
- d. Monitoring adequate to determine the nature and extent of - all waste stored or disposed of, and the migration and leaching thereof, will be maintained at the expense of the applicant: and the results made available to the St. Mary

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- The St. Mary Parish Police Jury of its designated representative will have access to the facility at all times to determine whether the facility is complying with the permit conditions ไร วัน (เปียริส) (เป็นวิธี) แล้ว แล้ว สูงสุดใหม่ เป็นที่สมัยให้สานสมัย
  - f. The St. Mary Parish Police Jury shall be allowed to conduct its own monitoring operations on the premises to assure that only those wastes and those quantities of waste specified by the applicant are being or have been stored or disposed of Constitution of the facility o

### The control of the control control of the control o SECTION 10-39. PERMIT ISSUANCE: CONDITIONS CARREST TO SALE OF THE

- Upon compliance by the applicant with all requirements of the last the this article, the St. Mary Parish Police Jury shall issue a permit for the storage or disposal of hazardous waste or the development of the waste site or facility.
- b. The St. Mary Parish Police Jury may require, as conditions for the issuance and maintenance of the permit, that the applicant:
  - Agree in writing that the St. Mary Parish Police Jury shall have access to the site and facility at all times to monitor the activities at the site and facility.
  - 2) Post and maintain, at his expense, a bond sufficient to cover the costs of any personal injury or property damage, including environmental damage, that may occur as a result of activities at the facility. The amount of the bond shall provide coverage of at least 1,000,000.00 per incident.

SECTION 10-40. SPILLS, ACCIDENTS; UNINTENTIONAL VIOLATION OF PERMIT

In the event of a spill, accident, or violation of a permit, the owner, operator or an agent or employee of either shall immediately notify the St. Mary Parish Police Jury verbally by telephone call or in person of such spill, accident or violation of the permit, said verbal notification in any event to be made not more that eight hours after said occurrence. Verbal notification shall be followed by written notification to the St. Mary Parish Police Jury within three days of the occurrence. If notification is made as provided hereunder, such notification shall be considered in mitigation of any damages assessed against the person operating the facility.

# SECTION 10-41. REVOCATION, SUSPENSION OF PERMIT

If the St. Mary\_Parish Police Jury discovers that the provisions of a permit have been violated or that the storage, disposal, waste site or facility is being undertaken or is operating in a manner contrary to the permit application or to the provisions of this Article, the Police Jury in its discretion may suspend or revoke the permit and assess damages against the person responsible for the violation. The revocation or suspension shall be under terms determined by the Police Jury in its sole discretion.

## SECTION 10-42. PENALTY

Any person who violates the provisions of this Article or the conditions of any permit issued hereunder shall be liable in damages to the St. Mary Parish Police Jury as well as for any personal injury or property damage, including environmental damage, that results from such violation.

Any person who intentionally violates the provisions of this services and the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of this services are the provisions of the provision are the provis Any person who intentionally violates the provisions of this.

Article, or any permit issued hereunder shall, in addition to any other penalty or remedy provided hereunder or by any law, be guilty of a penalty of remedy provided nereminer of by any law, be sufficient the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the Parish Jail misdemeanor punishable by a fine of \$500.00 or six months in the parish by a fine of \$500.00 or six months in the parish by a fine of \$500.00 or six months in the parish by a fine of \$500.00 or Violation concinues snallear to the same and constitute a separate offense.

SECTION 10-43. VARIANCE Any applicant for a permit hereunder who feels that there are these provisions and whose permit has been refused, may apply within fifteen the latthese provisions and whose permit has been refused, may apply within fifteen the latthese provisions and whose permit has been refused to the St. Mary Parish Police Jury and days after being notified of such refusal to the St. Mary Parish Police Jury and the Police Jury and the St. Mary Parish Police Jury and the Police dings viscol at for a variance from the requirements of this Article. A variance shall be issued solely at the discretion of the St. Mary Parish Police Jury.

A variance shall only be issued upon:

- A showing of good and sufficient cause;
- A determination that failure to grant the variance would result in exceptional hardship to the applicant;
- 3) A determination that the granting of a variance would not have the effect of nullifying the intent and purpose of this Article.

# SECTION 10-45. APPLICABILITY

The provisions of this Article shall be applicable to all hazardous waste storage or hazardous waste disposal facilities and to any commercial facilities as defined herein.

# SECTION 10-46. ADMINISTRATION; RULES AND REGULATIONS

The provisions of this Article shall be adminsitered by the Parish Public Works Department. The Parish Public Works Department or their designee may from time to time promulgate rules and regulations for the administration of this Article. No rule or regulation promulaged hereunder shall become effective until approved by the St. Mary Parish Police Jury.

# SECTION 10-47. EXISTING FACILITIES

Any facility proposed or existing prior to the effective date of this Article shall comply with the provisions of this Article within three months of the effective date.

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#### SECTION II

Any ordinance or part hereof in conflict herewith is hereby repealed.

#### - SECTION III

If any Section, sentence, part, work or provision of this Ordinance is declared null, invalid and/or unconstitutional, said declaration of nullity, invalidity or unconstitutionality shall in no manner affect any other provision of this Ordinance, the various provisions of this Ordinance being hereby declared to be severable.

#### SECTION IV

This Ordinance shall become effective immediately following publication in the official journal.

This Ordinance, having been submitted to a vote by the St: Mary Parish Police Jury, was voted upon as follows:

YEAS: Matilda Aloisio, William Bradford, B. R. Butler, Harold Clausen, Joseph Davis, Albert Foulcard, Everette Fouquier, Wilson Gautreaux, Berlin Rebert, H. A. Louviere, Lawrence Michel, Lige Robison, J. Paul Russo and Emory Jennings. NAYS: NONE.

ABSENT AND NOT VOTING: Loylis Duhon.

ADOPTED AND APPROVED on this 23rd day of February, 1983.

APPROVED:

EMORY O. JENNINGS, PRESIDENT ST. MARY PARASH POLICE JURY

CONNIE M. FOURNET, SEC.-TREAS.

ST. MARY PARISH POLICE JURY

APPENDIX B

INTERGOVERNMENTAL SERVICES AGREEMENT

This agreement is binding on the successors and assigns of the respective parties hereto.

If any part of this agreement is for any reason held to be illegal, invalid, or ununforceable, such illegality, invalidity, or unenforceability shall not affect any other provision, but this agreement shall be construed and enforced as if such illegal, invalid, or unenforceable provisions had not been contained herein. Any constitutional or statutory provision enacted after the data of this agreement which validates or makes legal any provision herein shall be deemed to apply hereto.

The Municipalities shall not grant a franchise for the collection of solid waste within their boundaries, which would circumvent the intent of this agreement for the disposal of solid waste by the Parish, it being the intent hereof that the exclusive disposal of the Municipalities' solid waste by the Parisa, whether or not collected by the Municipalities, is the inducement for the acquisition ther or not collected the facilities by the Parish at its sole expense.

IN WITNESS WHEREOF, the parties hereto have caused these presents to IN WITNESS WHEREOF, the parties below daly authorized as of the day be engaged by their respective officers thereunco daly authorized as of the day and year first above written. POLICE JURY OF ST. MARY PARISHES

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